

THE
AMERICAN PRACTITIONER:

A MONTHLY JOURNAL OF

MEDICINE AND SURGERY.

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THE AMERICAN PRACTITIONER.

JUNE, 1874.

Certainly it is excellent discipline for an author to feel that he must say all he has to say in the fewest possible words, or his reader is sure to skip them; and in the plainest possible words, or his reader will certainly misunderstand them. Generally, also, a downright fact may be told in a plain way; and we want downright facts at present more than any thing else.—*RUSKIN.*

Original Communications.

REMARKS CONCERNING DISEASES OF THE CENTRAL NERVOUS SYSTEM.

BY A. D. ROCKWELL, M. D.,

Electro-therapeutist to the New York State Women's Hospital.

An exceedingly interesting point in the consideration of diseases of the spinal cord is the discrepancy between observed symptoms and the authoritative statements in regard to the necessary and constant relation of certain symptoms with certain central diseases. In pathological conditions of the brain and spinal cord, more perhaps than with other organs of the body, it is difficult—nay, utterly impossible—to associate a long list of distinct symptoms, with some change or tendency to change of structure, and say that they invariably exist as effects and cause. Variations from the physiological condition of the great nerve-centers so markedly and undeniably run into and overlap each other—are so frequently, as it were, intertwined—that it is hard for the most careful observer to do more than to arrive at approximately correct

conclusions as to the actual pathology. Irritation and congestion of the cord may co-exist. Congestion of a severe and chronic character may simulate actual sclerosis, and hysteria, associated with a mild form of either irritation or congestion, may give rise to symptoms of anæsthesia and such decided impairment of electro-muscular sensibility as to completely mislead the practitioner and suggest the existence of serious organic disturbance. As an illustration of these remarks I will cite the following case:

Mr. B. W., aged seventeen years, but exceptionally mature both in physical and mental endowments, was referred to me by his physician, Dr. John J. Crane. The patient, who was a student at Harvard, stated that some weeks previously he had one afternoon walked quite briskly and for a considerable length of time, and while in a state of perspiration had reclined upon the grass until a sense of chilliness warned him of his imprudence. During the rest of the day and on retiring at night he observed no unusual symptoms, but in the morning the legs were found to be stiff and weak, associated with a decided loss of co-ordinating power. In short, the patient was suffering from incomplete paralysis in a paralytic form. There was slight but marked tenderness along the spine on pressure, but no exaggeration of reflex excitability in the limbs, and no appreciable impairment of electro-muscular contractility or sensibility. Anæsthesia was quite decided in the calves of the legs and the toes, but any sensation of tingling was altogether wanting.

It seemed sufficiently clear that the case was primarily one of spinal congestion, and our first impulse was to trust to galvanization of the spine; but on further thought, and taking into consideration the recentness of the attack and the remarkable effects of general faradization in equalizing the circulation, I submitted the patient to a most thorough but mild seance of the last-named method, and directed him to call on the following day. On his return I found that the

anæsthesia had almost entirely ceased to annoy him, his limbs were more supple and stronger, and there was a manifest increase in the power of co-ordination. Substantially the same method was employed on seven different occasions, from May 3d to May 13th, when he returned to his studies completely recovered.

It is in just such cases as the above that the mistaken diagnosis of muscular rheumatism has so often been made. This error in diagnosis has in the past been of such frequent occurrence that it is proper to simply call attention to the peculiar sensory symptoms that are invariably associated with most diseases of central origin. These symptoms are sufficiently distinctive, and a practical acquaintance with them will render it comparatively easy to differentiate such disorders as spinal congestion and irritation, and the peripheral affections with which are associated symptoms somewhat analogous.

Locomotor ataxy itself has in its earlier stages frequently been mistaken for muscular rheumatism, and at this time I have under my observation a gentleman afflicted with spinal sclerosis, which for upward of a year was thought by his physician (a most intelligent practitioner) to be a persistent form of rheumatism. To take cold in the cord is an occurrence far more frequent than is generally believed; and while the primary congestion that ensues may yield most readily to treatment, it may, if neglected or increased by continued exposure, lead to irreparable structural change.

In the above case it will be observed that anæsthesia was a prominent symptom, while there were absolutely no sensations of formication or tingling present. Tenderness on pressure along the spine was decided, and yet we find various authors stating that in spinal congestion not only is this symptom wanting, but so also is anæsthesia, while the sensations of formication and tingling in either the toes or fingers are almost invariably present. We must account for this discrepancy then and want of accord among authorities in the

consideration of these and kindred disorders of the central nervous system on the basis of the liability of two or more of them to occur at the same time and in the same individual. Sometimes the symptoms of one pathological condition may be the more prominent, sometimes the symptoms of another, and occasionally it may be observed by one whose experience is at all extended that spinal congestion and irritation occur together as affections, so to speak, co-ordinate and co-equal. In this case congestion of the cord was undoubtedly the predominant condition, while the symptom especially of tenderness along the spine on pressure rendered it evident that irritation was present as well.

In regard to the most effective method of electrization in the treatment of spinal congestion and irritation it must be remarked, in the first place, that they are exceedingly capricious in their demands on the skill and experience of the electro-therapeutist. No one method will answer in all cases, neither is there any law in electro-physiology so precise and with such well-adjusted relations to electro-therapeutics as to enable us to lay down specific rules for treatment. It is true that the application of electricity to the human body may produce certain modifications of animal electricity, together with other and peculiar physiological phenomena. When a nerve, for example, is submitted to the action of the galvanic current certain changes occur in its condition dependent on the local action of the electricity; and independent of this local action the direction of the current exercises a decided effect through its power to influence either the excitability of the motor or sensitive nerves.

The ascending current increases excitability, increases reflex action, acts most powerfully on the sensitive nerves, and influences the motor nerves through its direct and not through its reflex action on the spinal cord. The descending current, on the other hand, diminishes both excitability and reflex action, acts most powerfully on the motor nerves, and influ-

ences them by reflex and not by direct action on the cord. These principles, which are thought to be established, are undoubtedly of practical importance in the treatment of disease; but unfortunately they do not afford a sufficient basis upon which to rear a superstructure of therapeutics uniform and complete in its application. On the theory that the descending current lessens irritation it is logical to employ this method in spinal irritation, and practical experience confirms its propriety. I have had occasion in many cases to test its superiority over the opposite method. In regard to special methods of galvanization of the cord in spinal congestion I can not speak with the same confidence, although, on general principles, I am in favor of ascending currents; but, at the risk of being thought unphysiological, I do not hesitate to declare that general faradization is, as a rule, more efficient in the treatment of spinal congestion than direct galvanization, and that in irritation it can almost always be alternated with the descending galvanic current, and with the best results.

The question very naturally and properly arises, what is the measure of benefit to be derived from the use of central galvanization and other methods of electrization in organic diseases of the brain and spinal cord?

One-sided paralysis from cerebral effusion, paraplegia dependent on spinal apoplexy, softening of the brain, palsy agitans, progressive locomotor ataxy (spinal sclerosis), progressive muscular atrophy, and kindred affections have ever been regarded as the *opprobria medicorum*.

While no sane man would presume to triumphantly proclaim a method or a remedy as a panacea for these fearful diseases, it can yet be confidently asserted that in some one or more of the various forms of electrization we have under control a potent means by which the symptoms of these diseases may almost always be relieved, and occasionally approximate recoveries follow.

In the treatment of these various affections both the

galvanic and faradic currents are, as a rule, indicated, although the prominence which is to be given to either current or to any method depends on the character of each individual case. In hemiplegia, for example, it was formerly thought useless and even unsafe to apply electricity until some months after the attack. It is now used almost immediately and with favorable results.

By localized faradization the tendency to muscular atrophy is undoubtedly resisted, and even after atrophy has taken place in the limbs it is no uncommon thing to see the parts develop with rapidity under the mechanical action of the current.

By general faradization the nutrition, if impaired, is improved; and by galvanization of the brain the process of absorption is hastened. Of all the cases of hemiplegia that have come under my observation the treatment has resulted most favorably, and the results have been most permanent where the patient was seen and submitted to treatment within a comparatively short time subsequent to the attack.

Paraplegia of a reflex character is, of course, amenable to treatment in a far greater degree than when dependent on effusion within the cord; and yet in this last condition galvanization of the cord, with faradization of the lower limbs, is generally indicated, and is often of infinite service. Of above a dozen cases of softening of the brain that have been under my care, and that I have treated more or less persistently, not one has improved in any marked degree, and in but two or three were the symptoms even slightly alleviated.

Palsy agitans offers a somewhat more satisfactory field for electrical treatment. The faradic current, in whatever manner used, seems to possess but little influence over the disease.

The most thorough form of central galvanization, however, exercises very frequently a controlling power over the constant agitation that is most grateful to the patient. It can hardly be said that I have knowledge of an effectual cure

wrought in this disease by any method of treatment, but in two cases certainly central galvanization has been followed by approximate and apparently permanent relief.

In locomotor ataxy electrization is unquestionably the remedy *par excellence*, and the only one, in fact, to which we can look with any degree of confidence in the consideration of its therapeutics. The experience and observation of the most able German electro-theraputists prove that this progressive disease may not only at times be arrested in its course, but most markedly relieved in every symptom. With these observations my own fully accord.

The same encouragement is afforded in the consideration of progressive muscular atrophy, a disease hardly less frequent and certain in its progress than ataxy.

NEW YORK.

COCCYODYNIA, WITH A CASE.

BY JOHN O'REILLY, M. D.

Coccyodynia was first described by Dr. Nott, of Alabama, in 1844. Since that time numerous cases have been placed on record by different practitioners. The literature on the subject is, however, very scant, a great many authors on diseases of women making no mention of it. The cases published are only those of the most severe type, and such as always required surgical aid before relief was obtained. We believe, however, that there is a more frequent form of sub-acute or chronic coccyodynia that is entirely overlooked, being referred, among other symptoms of pelvic neuralgia or myalgia, to uterine trouble.

Mrs. M., a married woman, aged thirty years, of good constitution, was confined June, 1865. She had a long, lingering labor, having suffered with inefficient pains for forty-

eight hours before she was delivered with the forceps. From this time forward she always complained of soreness along the lower part of the spine, a tired feeling on the least exertion, with a more or less general discomfort about the pelvic region. In the latter part of 1867 this lady came under my care. She was suffering with vaginal leucorrhœa, but an examination of the womb revealed no disease of that organ. The uneasiness about the back and loins, with pain at the coccyx, was becoming more severe, and occasionally she would apply for relief for these symptoms. The leucorrhœa disappeared, but the bearing-down sensation about the womb and rectum—or a general fullness, as if something was passing out—was not diminished to any considerable extent. This state of things kept up until May, 1869. About this time she fell going down stairs and struck on the sacro-coccygeal region. For some days she experienced but little more soreness than usual. About the first of July, however, she was confined to her bed with an excruciating pain at the extreme end of the spine, and from that time until the middle of September she passed through such an ordeal of suffering as I have never seen in any other disease. On examination the slightest pressure of the finger over the coccyx was perfectly unbearable. She would scream when moved the least bit. An action on the bowels or evacuation of the bladder was, to use her own words, “like striking a knife in her heart.” She lay as helpless as an infant, and if the house had been on fire she could not have moved to save herself. This is no exaggeration of her suffering, nor was she a weak-minded, hysterical woman, that gave way to a little pain; on the contrary, she was a patient of more than ordinary nerve.

All that could be devised by the best medical counsel was done, but to no purpose. Her suffering had brought her to death's door. About the first of September Dr. Ireland severed the coccyx from its muscular attachments. The effect was surprising. One that has not seen such a case

will scarcely believe it. This haggard, emaciated woman was well in forty-eight hours. This patient from months of torture passed to perfect ease, and that in two days. The moment *muscular tension* on the coccyx ceased the whole difficulty was relieved, the pain ceased, and the patient was, in a word, well. Time and good diet soon restored her general health. I do not mention the special medical treatment in this case, because it would only be tedious to relate, and of no special benefit, as it was all without avail.

A short time after her recovery Mrs. M. moved to New Orleans. There she led a very active life. Some months after her removal she was taken, to use her own language, "with pain in my womb, also excruciating pain in the extreme end of my spine. A pain extended from my womb up over my left hip, and from my back through the under part of my thigh to the knee. I suffered with continual pain in my hip, knee, and back, and my leg kept shortening all the time. The muscles finally became so hard and contracted that I could not straighten my leg at all, but kept it crooked up under me." During this time, as I afterward ascertained, she had had a very severe attack of endometritis with extensive ulceration of the os, and while under treatment the contraction of the limb commenced.

July 8, 1872, Mrs. M. returned to Louisville. She was using crutches, the leg being contracted almost to a right angle with the thigh, and the hip-joint immovable. Around the hip were the signs of all forms of counter-irritation which had been used for the purpose of relieving some supposed disease of the joint. Examining her a few days after her arrival, I found still some endometritis, soreness around the muscular structures of the hip, but pressure on the joint from the knee did not increase it. She complained of great pain over the coccyx and soreness of the perinæum, and could not sit on any hard substance, always carrying a pillow to rest on. Believing that the contraction of the leg did not

depend on disease of the hip, and judging from the increasing trouble about the coccyx that it was but a complication of the returning coccydynia, I consulted Prof. D. W. Yandell about the case. He confirmed my views.

About the first of July, having chloroformed our patient for a more thorough examination, we were surprised to find the limb gradually lengthen itself out; but as the effect of the anæsthetic wore off it contracted as permanently as ever. This proved at once that the contraction was due to some nerve disturbance and not to disease about the hip. We had constructed an iron angular splint, which could be extended by means of a sliding screw. This being well padded and fitted to the under surface of the thigh and leg, the limb was straightened daily a little. By this means Mrs. M. was enabled to throw away her crutches in a couple of months. The coccydynia, however, was not much better, but as our patient was so much relieved otherwise she returned south.

I heard no more from Mrs. M. until July, 1873, when I was called to see her in this city, and learned the following history. In the past spring the pain in the coccyx and womb became so intense that she was confined to her bed. The ulceration of the womb was so severe that some pronounced it malignant. While, however, her physician treated the uterine disease and relieved it to a great extent, he maintained that the intense pelvic and spinal pain depended on the womb disease, and would only disappear with it. In the mean time so great was the prostration produced that her medical advisers pronounced her case hopeless, and she was placed in a sleeping-coach at New Orleans with the hope that she might reach home alive, but only to die. In this condition Dr. D. W. Yandell saw her with me soon after her arrival. The conclusion arrived at was that the coccydynia was killing her, and that the coccyx must be removed. After a few days' supportive treatment Dr. Yandell removed the bone, and with its removal, as by magic, the pain and suffering of Mrs. M.

disappeared. It is true the endometritis remained, and from it, as well as the great prostration of her system, she was some months rallying, but her improvement commenced from the moment of the operation. Mrs. M., writing February 1, 1874, says, "I am a well woman. I can straighten myself out at full length and lie flat on my back, which is something I have not done for five years. There is still some little discharge from the wound." *

Such then is the ending of this case of coccyodynia. It is certain from the treatment at different times that this prolonged case of suffering was due to inflammation of the coccyx and its muscular and ligamentous attachments. When these parts are very sensitive it is impossible to get up or sit down—in fact, perform any motion—without pain. We believe a great many cases of pelvic weakness, accompanied by soreness across the sacrum, and which pass for symptoms of irritable uterus, are due to more or less irritation of these parts.

One point I wish to show from the clinical history of this case is that an assemblage of symptoms which authors attribute solely to irritable and other conditions of the uterus do not depend exclusively on such morbid states, though they may co-exist with them. My reason for this is that the limiting of these symptoms to pathological conditions of the uterus prevents the practitioner from seeking the cause elsewhere, and leads to much of our unsuccessful medication. Hodge, under the head of irritable uterus, condenses many of them in the following language: "The kind of pain varies indefinitely, and various expressions are employed to give an idea of its character. Perhaps most frequently it is described as a dull, aching, weary feeling in the back, with more or less of a sense of pressure, weight, etc." "A bearing-down sensation in the back, abdomen, thighs, in the lower part of the pelvis, in the bladder, vagina, and rectum; an open feeling as

* May 15th: The wound has entirely healed; general health excellent; is in full flesh, weighing one hundred and thirty pounds.

as if there was no support and all the pelvic contents must escape, or as if the patient must 'fall to pieces' when in the erect position; a sense of pressure on the rectum, as if the bowels must be moved, or simulating the fullness and weight of hemorrhoidal tumors."

All these feelings were complained of by Mrs. M., and several practitioners who saw her attributed them to the condition of the womb, but all their medication of that organ failed to relieve them. The removal of the coccyx, however, not only relieved the coccyodynia, but also the symptoms of pelvic muscular neuralgia mentioned by Hodge as having their origin in uterine trouble. This operation shows that these sensations, though co-existent with a diseased uterus, did not depend on it. In this case they were relieved by the removal of a diseased bone, although the womb was still considerably enlarged and suffering from chronic endometritis. If morbid effects are only relieved by eradicating the cause, then in this instance the cause was the coccyx and not the uterus. Such being the case, should we not infer that the group of symptoms daily complained of by females is often caused by some morbid condition existing in the pelvic, muscular, and nervous structures themselves, and not in the womb.

This fact being established, a change should be made in the direction of our medication. In place of trying to relieve these ailments by pessaries, tents, and sounds, we would find much better results from the administration of muscular and nerve tonics when they are the effect of debility, or by the removal of such other causes as they may depend on. That there are many other causes there can be no doubt. Does it seem unreasonable that irritation of the sacral plexus, or troubles of a rheumatic or neuralgic character existing in the levator ani, sphincter ani, coccygeal and other pelvic muscles which resist the expulsive efforts and support the pelvic contents, should give rise to those feelings which our female

patients are wont to attribute to the womb? Nor is it strange that when arising from such causes they should be relieved sooner by quinine, strychnine, iron, pepsin, and general treatment than by supporters and pessaries? Many facts tend to show that these symptoms depend on the diseased conditions just mentioned, as well as that they do not always accompany a diseased uterus. We find them in females perfectly free from uterine trouble—young anæmic women, who suffer from chronic constipation, and whose employment requires them to be seated or standing many hours together in close apartments. We find them in overworked child-bearing women, who before one child is weaned are carrying another. Surely this class of patients can not have irritable wombs, or they would abort instead of going to full term. On the other hand, many persons suffering from leucorrhœa, dysmenorrhœa, and menorrhagia do not present them at all. The worst cases of dysmenorrhœa that ever came under my notice—those accompanied monthly by general muscular spasm and great nervous prostration—were not attended either at the period or during the intermission with these miserable “giving-way, bearing-down feelings, irritation of the rectum,” etc. Surely these wombs were irritable. In fact, this muscular uneasiness and weakness is felt where there is no womb. Men sometimes complain of it. I remember once having heard an eminent physician, when recovering from prolonged illness and trying to describe his feelings, say that he felt just like a woman that had falling of the womb. It is hardly probable that this suffering in structures which nature intends to pass through the hardships of labor should be caused by an irritable uterus. These symptoms are the result in females of the following causes, irrespective of the state of the uterus: general muscular and nervous debility, with local neuralgia, or rheumatic trouble in the unmarried, and the effect of labor on the muscular and nerve structures of the pelvis in child-bearing women.

Such being the case, had not this assemblage of symptoms better be classed under the head of "pelvic myalgia" instead of morbid conditions of the uterus? Arranged under such a heading we will, when they are complained of, examine all the structures of the pelvis before locating their origin. We once knew a patient who, complaining of these symptoms, was treated by a prominent practitioner for months for uterine disease, when passing into other hands she was relieved entirely by being cured of strictured rectum. Had this patient been thoroughly examined, the proper cause would have been discovered at first. So in other cases the location will be found in the different pelvic structures, and frequently, as in Mrs. M., in the coccyx or its attachments.

LOUISVILLE.

IS LABOR PROTRACTED BY EARLY SPONTANEOUS RUPTURE OF THE MEMBRANES?

BY G. W. H. KEMPER, M. D.

The above question is, I believe, answered affirmatively by all our text-books, and the student goes from his books to the bedside impressed with this idea. The most recent obstetric authority, Leishman, thus unqualifiedly expresses himself as to the effect of early rupture of the membranes (Obstetrics, p. 255): "And the result when that occurs is, as every one knows, protracted labor and increased risk to the child." I well remember my own anxiety attending my first case of "dry labor." A larger experience and careful observation have led me to believe that the statement we have quoted is not to be received as absolute truth. This belief has been confirmed by reading the following extract from the Obstetrical Journal of Great Britain and Ireland, December,

1873, p. 629: "Having described the functions of the bag of waters, Dr. Gartipny proves, by the notes of two thousand deliveries, that its spontaneous rupture is of frequent occurrence. The premature flow of the waters hastens the labor, and exercises no injurious influence on the mother or child. Its occurrence is therefore favorable when pregnancy has arrived at its full term."

I offer the following statistics from my practice showing the duration of labor and the results to the mother and child:

Cases.....	Age.....	No. of labors.....	Result to mother.	Result to child....	From rupture of membranes to beginning of pains.	Duration of labor from beginning of pains.....
1	15	Primipara	Did well...	Did well...	4 hours.....	10¼ hours.
2	20	"	"	"	20½ hours.....	6 "
3	25	Multipara	"	"	At once.....	2¾ "
4	20	Primipara	"	"	"	10½ "
5	41	Multipara	"	"	"	20 "
6	28	"	"	"	"	5 "
7	30	"	"	"	2 days.....	5½ "
8	33	"	"	"	At once.....	6½ "
9	21	Primipara	"	"	"	7½ "
10	19	"	"	"	"	7 "

These ten cases occurred in my first two hundred recorded cases, showing an average of this accident once in twenty cases. The ages ranged from fifteen to forty-one years; five were primiparæ and the remaining five multiparæ. As regards the results to the mothers, all did well, convalescing rapidly. In every case the child was born alive. Pains supervened in seven immediately upon the rupture of the membranes, and in three not until after an interval, one delaying two days. The entire length of time of the ten labors was eighty-one hours, averaging eight hours and six minutes to each case; or in respect to multiplicity of labors, the average was seven hours and fifty-seven minutes for the multiparous, and eight hours and fifteen minutes for the primiparous cases.

MUNCIE, IND.

CYSTICERCUS IN THE PUPILLARY EDGE OF THE IRIS.

BY D. S. REYNOLDS, M. D.

Mrs. C., of Simpsonville, Ky., was sent to me by my friend, Dr. W. E. Ryon, with a very painful affection of the left eye. The trouble had existed for some time, but not until the last two weeks had she suffered much pain or had vision become obscured. She could not at this time tell positively that she saw the flame reflected directly into the eye by the ophthalmoscopic mirror. There was great tenderness of the eyeball, though only a very low grade of iritis existed. The pupil opened well under the influence of atropia, except at the inferior and external portion, where there was a white opaque pear-shaped tumor, the small end of which rested upon and was adherent to the capsule of the lens. I could see nothing with the ophthalmoscope beyond the hazy lens-capsule.

At noon of the same day I removed that portion of the iris containing the cyst; but the cyst itself was so firmly adherent to the lens-capsule that it was necessary to seize it with forceps, and by careful traction made in the same plane with the lens-surface to detach and remove it. I succeeded in doing so without rupturing the capsule of the crystalline. The wet compressive bandage was applied and the patient put to bed.

At 7 p. m., patient complaining of headache and discomfort about the eye, I gave hypodermically one fourth grain of morphia and one sixtieth grain of atropia, and injected between the lids a four-grain solution of atropia, and left her quite comfortable.

11 A. M.: Patient has had no pain; says she had little rest; is thirsty; skin hot and dry; pulse 100; tongue dry and brownish. Ordered five grains each of calomel and chlorate of potash.

12 M. next day: Mrs. C. had rested well; is comfortable; has taken a small quantity of food. On removing the dressing the wound of the clear cornea was found well united, pupillary space clear, and she could count fingers at the distance of two feet with the sound eye closed. Her health and vision now rapidly improved.

The cysticercus when placed under the microscope showed three suckers and a beautiful circle of hooklets. The head and a portion of the neck was all that I succeeded in preserving for minute inspection.

The very rapid abatement of all signs of irritation in the eye, with the almost sudden restoration of vision, gives to the case all its remarkable features, and at the same time affords an adequate apology for my reporting it.

LOUISVILLE.

INTRA-UTERINE TREATMENT IN ENDOMETRITIS AND MENORRHAGIA WITH PURE NITRIC ACID.

BY A. C. HAYNES, M. D.

As a rule, in all chronic cases of intra-uterine disease a permanent cure is hopeless by any means which do not act directly upon the diseased surfaces—viz., the mucous membrane lining the uterus and cervical canal—this endocervicitis or endometritis being often associated with hypertrophy, congestion, granulations, etc. To accomplish this local medication two methods are used—injections and swabbings. The first is generally condemned as dangerous, nearly all writers having reported cases of death resulting from intra-uterine injections, and they are seldom resorted to unless in cases of urgent danger from menorrhagia or metrorrhagia.

The substances most commonly used by means of swab-

bing are sulphate of zinc, carbolic acid, chromic acid, nitric acid, iodine, nitrate of silver, perchloride and persulphate of iron.

Dr. Barnes uses sulphate of zinc perhaps more than any other one remedy; Dr. Playfair carbolic acid; Drs. Nott and Whitehead iodine; Dr. Lombe Atthill, of Dublin, undiluted nitric acid. The most common way of making these applications is by means of a fine probe of whalebone, round which a thin film of cotton-wool is wrapped. This is saturated in the solution to be used, and then the application can readily be made to the interior of the uterus without pain or danger. It is generally advisable to have the cervical canal well dilated, though some authors do not think this always necessary. I frequently fasten a fine piece of sponge round the end of a probe and dip this into nitric acid, and then apply it freely to the interior of the uterus. In all the cases in which I have pursued this plan of treatment the greatest benefit has resulted. Great judgment should be used in selecting cases, and where there is much uterine tenderness intra-uterine treatment should be postponed until this has been diminished; but, a proper selection made, the nitric-acid treatment is quite safe. Before applying the medicine it is advisable to clean the parts of their contents; for if this should be neglected they will materially interfere with the beneficial effects of the remedy, neutralizing it to a greater or less degree.

Stillé mentions cases where pieces of lunar caustic have been swallowed without serious injury. Tyler Smith says that leucorrheal discharges, coagulated by injections, may remain in the vagina for days, and then come away in an egg-shaped mass. If this can take place in the vagina, it is much more likely to occur in the uterus, since it has a much smaller outlet.

The discrepancies which exist among gynecologists regarding the value of various uterine remedies may be explained

from the fact of inert chemical compounds formed between the materials introduced and the fluids found in the uterus.

The following cases are selected, not because they present any unusual features, but because each of them had been vigorously treated for lengthened periods by the methods usually employed, and without any permanent relief, while they were rapidly cured as soon as the true seat of disease was attacked with nitric acid.

CASE I. A woman, twenty-four years of age, had suffered with uterine trouble for five years. On examination the uterus was found to be large and heavy, the os patulous and gaping. On the 19th of August, 1873, I inserted a sponge-tent, and on the 20th, upon its removal, applied the fuming nitric acid to the whole interior of the uterus and cervical canal without causing the least pain. In order to make a thorough cauterization I applied the acid a second time. About one month after this I repeated the operation. This patient was under my care about six weeks. I applied nitric acid twice. The symptoms all improved from the first application. I have frequently seen her since and she enjoys excellent health, and is now (April, 1874) about six months pregnant.

CASE II. A woman, twenty-three years of age, has suffered from profuse menorrhagia for some time, with ulceration and abrasion of the os and cervix, and is quite debilitated from the loss of blood. It was with some difficulty that the os was found, it was so jagged and torn. It bled freely on being touched. I inserted a sponge-tent in the morning, removing it in the evening, and applied nitric acid freely to the os and about two thirds the length of the cervical canal. The application produced no pain. This woman has passed three menstrual periods since the operation, each period being but three or four days, and the flow normal and without pain, though previously from ten to twelve days in duration and attended with severe suffering. I made but one application, and the patient is quite well.

I could report a number of similar cases, the results being equally satisfactory, but it would seem too much like repeating what I have already written.

OWENSBORO, KY.

PUERPERAL CONVULSIONS.

BY J. J. ELAN, M. D.

January 4, 1872, at 8 P. M., was called to see A. B., aged eighteen years, primipara, at full term. Found labor progressing favorably; os dilated to the size of a crown; patient in good spirits. 9:30 P. M.: complained of a very slight frontal pain; labor making rapid progress. Gave thirty grains of chloral hydrate, and at 10 P. M. delivered her of a healthy male child weighing nine pounds. Patient fell asleep immediately after delivery, with all promising well.

At 10:30 P. M., while congratulating myself over her quick and easy labor, I was surprised to find my patient seized with a most violent convulsion and with an expression scarcely human. I immediately corded her left arm and freely opened the median vein, but could only get about one ounce of very black, thick blood; opened the temporal artery on the left side, from which about two drachms of blood came; corded the right arm and opened the median vein, from which about half an ounce of blood came; opened the veins of the foot, from which only a few jets came.

She had eight severe convulsions in two hours, although I had repeated the chloral, with the addition of tincture of veratrum and gelseminum, and they were finally mitigated—not prevented—by chloroform, administered freely. She has flooded a little since her second convulsion. At 12:30 A. M.

I introduced my hand into the uterus, and finding the placenta adherent I detached it with some difficulty. The uterus contracted well.

1 A. M.: convulsions continue every fifteen minutes; pulse

130. Gave the following:

R. Potass. bromid., ʒ ij;
 Tinct. cannabis ind., ʒ ss;
 Tinct. gelsemini, gtt x;
 Tinct. verat. viride, gtt x;
 Aquæ, ʒ ij.

M. ft. haustus.

To be taken every two hours; ordered jugs of hot water to feet and hips, and kept her under the influence of chloroform, by which means the paroxysms were warded off for forty minutes, the longest period.

At 1:30 A. M., in consultation with Dr. Wallace, we applied cut-cups to the temples, but got only about half a drachm of blood. Patient conscious between the attacks, and calls for the handkerchief (wanting chloroform), but before it could be given her she would be convulsed; pulse 140; gave twenty grains calomel and applied cold water to the head.

3:30 A. M.: convulsions recurred at intervals of fifteen minutes, notwithstanding the means resorted to. Seeing that our patient must soon die if not relieved—her pulse being now 145, small and tremulous—I suggested to Dr. Wallace the application of *fire* as the *dernier ressort*, being satisfied that I had once before in a similar attack saved her life by the use of fire when all other remedies had failed to bring on reaction.

Dr. Wallace fully agreeing with me, a *coal of fire* was procured—the patient being at the time in a severe convulsion—and passed rapidly over the chest, making a series of small blisters, the largest over the region of the heart. Reaction came on immediately, and the jaws, previously clenched, now moved freely, and the patient exclaimed, "Quit burning me!"

The pulse immediately became fuller and stronger and the breathing less labored. Fifteen minutes after applying the fire strong symptoms of recurring convulsions; administered chloroform; ceased in about two minutes; patient slept; pulse 130. Thirty minutes after had slight symptoms of convulsion; ordered jugs of hot water and chloroform; patient went to sleep. Roused up in two hours with no symptoms of convulsions; pulse 78, full and strong.

2:45 P. M.: patient has rested quietly, but the symptoms are not so favorable, pulse being 100 and corded.

3:15 P. M.: eleven hours and forty minutes since applying the fire; patient called for the handkerchief (wanting chloroform), but before I could administer it she was convulsed, though the paroxysm was immediately cut short; pulse 100.

At 5 P. M. patient awoke, took fifteen grains chloral hydrate, and went immediately to sleep.

7:30 P. M.: still asleep; no return of convulsions; pulse normal; ordered enemata.

January 6th, 1:30 A. M.: patient roused up; bowels acted three times; no bad symptoms; has had six or eight hours of refreshing sleep; feels much better; pulse 85.

10 P. M.: has been awake three hours; no more convulsions; pulse 80, full and regular; gave the following:

R. Hoffman's anodyne, $\bar{3}$ j;
Spirits nitrici dulc., $\bar{3}$ ij;
Spirits mindereri, $\bar{3}$ ij;
Flu. ext. gelsem., $\bar{3}$ ij.

M. S. One tea-spoonful every two hours in a wine-glass of water.

January 7th found patient doing well, having had no return of convulsions. She now made a rapid recovery. I regret that her urine was not examined.

The points worthy of special consideration in the foregoing case are:

1. The influence exerted over the circulatory and muscular systems by fire, as manifested by the increase in the volume

and reduction in the frequency of the pulse, and the relaxation of the jaws previously locked.

2. The power of chloroform to cut short but not prevent the recurrence of the convulsions.

3. The action of chloral hydrate as a hypnotic. The action of fire I consider of the first importance, from the fact that chloroform, chloral, etc., though carefully and persistently employed, had failed. Will the editors of the *American Practitioner* please give an expression of opinion on the subject?

MASON, TENN.

AN ABSTRACT OF SIX CASES OF OVARIOTOMY.*

BY D. W. YANDELL, M. D.

My purpose in the present paper is simply to group such features of the several cases I am about to report as possess some special interest. The patients operated upon were aged respectively twenty-two, twenty-seven, thirty-one, thirty-three, forty-four, and sixty-five years. Three were residents of Louisville, one was of Texas, one of Glasgow, Ky., and one of Illinois. One was single, but has since married and borne two children; another, though married ten years, was childless; the other three were mothers of several children. Four of the six women were of unexceptionable constitution. The patient who was married but childless was of phthisical descent; had lost two brothers with pulmonary consumption; was thin, feeble, a non-consumer of fats, but without physical evidence of tubercles. The unmarried patient was extremely delicate, but without appreciable organic disease.

*Read before the Kentucky State Medical Society at its annual meeting, April, 1874.

In one patient the tumor was discovered eight years before the operation; in another five years; in another three; while in the remaining three it was discovered but two years before. In four of the cases nothing unusual occurred from the time the tumor was discovered until it was removed. In one, while on the commode and pressing the abdomen with her hands, a sudden giving-way was experienced, and the parts, which had been hard and unyielding, became soft. For a moment she seemed relieved. In a little while, however, she had orthopnœa, passed into collapse, and death seemed imminent. After being in this condition for about fifteen hours she was tapped by the physician who saw her in consultation, and about twelve pints of serous fluid evacuated through an opening made below the umbilicus and a little to the left of the mesian line. The relief was immediate. Indeed she grew perceptibly more comfortable while the fluid was flowing. The whole train of urgent symptoms instantly disappeared; the patient passed into quiet sleep, from which she awoke easy and refreshed. In three weeks after the operation she traveled from her home to Louisville, a distance of a hundred miles.

I removed a multilocular cyst of the right ovary from this patient the 3d of July, 1873. One portion of the cyst contained twenty-two pounds of dark grumous fluid, which escaped readily through the canula. The remaining portion of the tumor was composed of colloid material, distributed in lesser cysts, and of about the consistency of calf's-foot jelly. The contents of the tumor weighed twenty-eight pounds. The tumor, with a portion of the colloid mass remaining, weighed eleven pounds. The only noticeable adhesions were to the diaphragm and liver. These were sufficiently firm to require time and patience for their separation. The patient rallied fairly, and continued for two days reasonably well. At the end of this time vomiting set in and continued well-nigh incessantly for nine days, resisting every

means attempted for its control. Life was sustained during this dreary period by nutritive enemata. On the second day of the vomiting—the fourth day after the operation—there was marked abdominal tenderness, while a considerable gush of reddish serum from the lower angle of the wound followed each act of vomiting. The pulse rose to 130 and the temperature to 104°. I now began the use of intra-peritoneal injections after the manner recommended by Dr. Peaslee, and made them from three to six times in the twenty-four hours during the greater part of a month. If at any time the injections were omitted for more than six hours, the temperature would rise from three to six degrees. The fluid used for injection consisted of a very weak solution of permanganate of potash and carbolic acid. When the vomiting ceased the patient was put upon quinine and iron, and made a good recovery, returning home in nine weeks after the operation. Her health has steadily improved, and recent letters from her state that it is better than it had been at any other period of her history.

The second case presents the following interesting history in connection with the treatment of the tumor. Nearly nine years ago she first detected a tumor, about the size of a goose-egg, in the region of the right ovary. During five years its growth was so slow as scarcely to attract her attention. About that time it began to enlarge, and she had treatment for it. Many were the doctors consulted and the remedies used.

Throughout all this period the tumor remained movable. She could float it about in the abdominal cavity with her hand. She now went under the care of a traveling electrician, who undertook to disperse the tumor with his battery, following each sitting by the application to the os uteri of the solid nitrate of silver. The patient represents the treatment as having been painful beyond any language to describe it;

but, being a woman of extraordinary heroism, she submitted to it for several months. On more than one occasion the pain was so overwhelming that she well-nigh fainted, while the tenderness and suffering frequently continued for days after the use of the battery.

I operated on this patient on the 4th of March last, emptying a unilocular cyst of thirty-seven pounds of purulent fluid. The cyst itself was adherent to the abdominal walls, to the bladder, and to almost the entire rim of the pelvis. No effort that I thought proper to make enabled me to separate the adhesions, except over a small space on the right side midway between the umbilicus and the pubis, and this to an extent barely sufficient to expose the intestines. In carrying my hand into the cyst I found that its anterior wall was firmly adherent so far above the umbilicus that I did not deem it expedient to try, by enlarging the original incision, to get above its superior attachments, though this I should have done but for the deeper-seated adhesions. I did attempt to peel the cyst from the peritonæum, as has been done so beautifully by Dr. W. L. Atlee, but failed. I excised a small portion of the cyst, closed the wound, introduced into the cyst a large drainage-tube, and endeavored, as in Ledran's operation, to keep the cyst open, and finally effect its obliteration under drainage and inflammation. The patient rallied well, and on the eleventh day was sitting up. Very large quantities of purulent fluid escaped daily through the tube. Injections of carbolated water were made morning and evening into the cyst. The tube was withdrawn occasionally, cleansed, and returned. On the fourteenth day the patient was walking about her room. On the sixteenth day the tube escaped from its place, and could not be returned by the nurse. Being absent from the city at the time, I found at the expiration of twenty-four hours that the opening had closed. I hoped, though clearly against hope, that the cyst would be obliterated. At the end of a week, however, I found I was mistaken.

It had begun to refill. The patient had two sharp attacks of abdominal pain, with a sense of sinking, but without elevation of temperature or change of pulse. The tumor continued rapidly to enlarge, and on Saturday, the 4th of April, I withdrew by trocar and canula twelve pounds of fluid; the first of which was albuminous, the latter purulent. The patient experienced great relief from the operation, slept in comfort, and is again able to move about her room. Should the tumor refill—which in the nature of things it will almost surely do—I shall practice iodic injections with the view of closing, if possible, such portion of the growth as can collapse, and then open the remainder of the cyst through the roof of the vagina, as practiced so successfully by Dr. Noeggerath, of New York.*

Two of the six patients operated on have died: one on the sixth day, from general peritonitis; the other on the eighth day, from intestinal obstruction. In the latter instance—my fifth case—the pedicle was so short and the abdominal walls so thick that I deemed it best not to treat the pedicle externally, as I had done in my previous operations; but, after securing it, dropped it back into the abdominal cavity. There was not an untoward symptom in her case until the night of the fourth day, when tympanites and occasional vomiting of a dark-greenish fluid set in. The pulse and temperature remained unchanged. Dr. Hewitt, who saw the case with me the next day, pronounced it one of intestinal obstruction, and advised opium, belladonna, the rectal tube, and large warm-water enemata. The abdominal distension becoming enormous, the aspirator was used, but failed to give relief. The patient died on the morning of the eighth day. The autopsy (made by Dr. Roberts and one of my clinical assistants, Mr., now Dr., Splawn, of Louisiana) revealed the abdominal incision firmly united throughout its entire extent.

* American Journal of Obstetrics, May, 1869.

There was neither fluid in the peritoneal cavity nor signs of inflammation; but the pedicle lay full against the ilio-cæcal valve, and by an abundant exudation of plastic lymph, firmly organized, had completely occluded this portion of the intestines. But for this untoward event there can be no doubt that this patient, the oldest but perhaps the stoutest of the series, would have made a perfect recovery.

In three of the patients the incision was six inches long. In one, which terminated fatally by peritonitis, it was but four inches long. In two it was necessary to make the larger incision. In one of these, my first, the incision reached from the ensiform cartilage to the pubis. In four cases the pedicle was treated by what is known as Mr. Clay's method; that is, externally. In one it was dropped into the abdominal cavity. The other was an incomplete operation.

The weights of the several tumors removed were as follows: eighty-four pounds, sixty pounds, fifty-eight pounds, forty-two pounds, thirty-nine pounds. Five of the tumors were polycysts, one only being monocystic. Four of my patients lived and two died.

The entire series was operated on at St. Joseph's Infirmary, Louisville; and whatever success has been realized, much of it is due to the intelligent attentions of Sister Maud, the nurse, whose sleepless and unfailing kindness was bestowed upon them all. The first operation was done in May, 1870. The remaining five have been performed within the past eight months. The several operations were witnessed by Drs. Lewis and Coleman Rogers, Dr. Roberts, Drs. Owen and Mills, Dr. Ely McClellan, Dr. T. S. Bell, Dr. R. Brandeis, and Dr. Donhoff, to all of whom I wish here publicly to express my obligations.

LOUISVILLE.

Reviews.

A Clinical History of the Medical and Surgical Diseases of Women. By ROBERT BARNES, M.D., etc. Philadelphia: Henry C. Lea. 1874.

This is a reprint, by the leading medical publisher of the United States, of a treatise issued a few months ago in London, and from one of the greatest of living teachers in obstetrics and diseases of women. Dr. Barnes's *Obstetric Operations*, the first edition of which was issued about four years ago, has been very favorably received by the profession in Great Britain and in this country; but, if we are not much mistaken, this last work is destined to a wider fame and a larger circulation. The problems in uterine therapeutics—at least medical therapeutics—are so many, and of these many not a few very far from satisfactory solution, that the ardent student will hail with pleasure a work that is rich with the experience of one of the best of observers and most philosophic of teachers.

The volume contains fifty-two chapters, the first sixteen being occupied with topics relating to diagnosis. The seventeenth chapter includes *menstruation and its disorders*, while the *last* is devoted to *diseases of the vulva*; thus making quite an innovation upon the order usually pursued by writers of treatises upon diseases of women. This innovation is wise, philosophic; for certainly the internal organ of generation ranks far higher in function than the external, and the consideration of the maladies of the former—more frequent, more complicated, more important—should precede that of the latter.

We do not regard Dr. Barnes as a perfect teacher. The time has not yet come—nay, it is far away—for any one to place the topmost stone upon the completed edifice of gynecological science. We differ with him in some of his instructions. Nevertheless, we do not know a better work in the English language on diseases of women.

His discussion of *peri-metric inflammation* seems to us to fall below not only the needs of the practitioner, but below the actual condition of the abundant literature of the subject. Especially is that portion devoted to the therapeutics of this disorder remarkably defective. On the other hand, *hematocele* is very fully considered. Indeed more pages devoted to this disorder, which, while not uncommon and by no means unimportant, than to the one previously referred to, which is one of the most frequent of the maladies of women. However, we have not time even to present an analysis of this volume and a discussion of some of its prominent topics. Elsewhere* we have done this, and we do not care to travel the same ground and repeat a labor already accomplished. We can conscientiously and cordially recommend "Barnes" to every physician interested in the study of diseases of women.

T. P.

A Treatise on Diseases of the Eye. By Dr. CARL STELLWAG (VON CARION), Professor of Ophthalmology in the Imperial Royal University of Vienna. Translated from the fourth German edition by D. B. ST. JOHN ROOSA, M. D., CHAS. S. BULL, M. D., and CHAS. E. HACKLEY, M. D. New York: Wm. Wood & Co. 1873.

The fact that this work has passed through four German editions within ten years is in itself conclusive evidence of its excellence, for our Teutonic brethren are not very apt to call

* American Journal of the Medical Sciences, April, 1874.

for a work which is not up to date in all its parts. Prof. S. himself occupies a leading position in ophthalmic science, and next to Donders, and since the death of the lamented Graefe, may be considered as the first authority on the subject. If Stellwag errs at all, it is in his excessive depth and prolixity, which is sometimes so marked that it is almost impossible to arrive at his meaning. Some sections of his work are written in such an abstruse vein that a paragraph must be read and reread time and again before its true meaning can be discovered.

We are glad to see that the American editors have judiciously omitted the diatribe directed against Donders, which was published as preface to the third German edition, and in which Stellwag laid claim to priority in the establishment of the fundamental truths bearing on accommodation and refraction. We feel no hesitancy in declaring that S. enunciated these theories as long ago as 1855. The fact is that Stellwag has fallen an easy prey to others, who did not hesitate to appropriate the results of his original investigations and palm them off as their own.

The latest investigations in ophthalmology have been collated and inserted in their proper place, so that there is hardly any thing of note which can not be found in the work before us. We think, however, the work would be improved if in the next edition mention was made of several congenital affections which hitherto have been purposely ignored. We are clearly of the opinion that a text-book occupying the rank of Stellwag's should not be lacking in a description of such affections as anophthalmia, coloboma, cyclopes, microphthalmus, etc., for these are seen by the practical man as well as by the scientific investigator.

Prof. S.'s arrangement of his material under four heads—viz.: 1. Inflammations; 2. Tumors; 3. Cataract; 4. Functional Diseases—could, we think, be better treated if the different affections of the eye and its appendages were arranged in

their anatomical order. The bibliography which is appended to every chapter, the list of authorities quoted, and the very exhaustive index of subjects treated of will help us to overcome some of the difficulties which this arrangement gives rise to.

The fullness of the different parts leave but little room for criticism. The section on inflammatory diseases is very exhaustive and lucid, while the chapter on the inflammations of the optic nerve is simply masterly. In this chapter Stellwag agrees with Dr. Annuske, who, in the last number of Von Graefe's Archive, in speaking of optic neuritis in cerebral tumors, says that optic neuritis is almost unexceptionally a positive symptom of cerebral neoplasms, and is consequently of greater diagnostic importance than was formerly supposed, for its early appearance, in the absence of other symptoms, enables us to make a diagnosis.

The section on tumors is as full as may be, and is particularly valuable owing to the fact that it is based on Virchow's classification as enunciated in his great work on Tumors.

The discussion of functional diseases is very lucid and concise, and is to be recommended to those who desire to acquaint themselves with the theories of accommodation and refraction without entering into the elaborate details of Donders's classical treatise.

It is characteristic of Stellwag that he does not attempt to discuss such subjects which are not as yet positively determined; as, for instance, his obstinate silence about the hypodermic use of strychnia in amaurotic and amblyopic affections.

The subject of cataract, which forms one of the sections of the work, is discussed in all its bearings, but is to our mind the most unsatisfactory portion of the book. Stellwag yields to his innate modesty and fairness in giving all the views advanced on the subject, and with his desire to omit nothing tends rather to confuse than to convince.

We regret that S. is still influenced by his personal dislike to Von Graefe, and does not give his unhesitating indorsement to the modified peripheric linear extraction. He states, however, that Reuss and Woinder have found that there is less astigmatism after the peripheric than after the old flap extraction. He condemns both couching and the suction method, and considers the latter as "merely the linear extraction with artificial hinderances."

The work is well gotten up, the illustrations being better than usual, though the same can not be said of the chromolithographs, which do not bear comparison with those found in the German edition. The text is clear and neat, and altogether the book is as handsome a specimen of domestic handiwork as can easily be found.

Thanks are due to the able editors, who have shown a patience and skill in translation which is not often found.

R. C. B.

A Dictionary of Medical Science. By ROBLEY DUNGLISON, M.D., LL.D., etc.

This is a new edition of the most popular medical lexicon in the English language, enlarged and revised by the son of the lamented author, Dr. Richard J. Dunglison. The reputation which the dictionary has enjoyed for forty years, at home and abroad, will be fully sustained and even enhanced by the present edition of the work. It is fortunate for the medical profession of our country that the son has inherited the qualities of mind which fitted the father in so eminent a degree for the work of a lexicographer. Old Scaliger is said very devoutly to have thanked the Giver of all our Mercies, whenever lexicographers were mentioned, "that of his infinite goodness he had endowed some men with the spirit of dictionary-making." The old critic could not believe it possible

that any man would choose so tedious and tiresome an office "who had not a mind peculiarly formed by Heaven for collecting words and measuring syllables, and that had not by a special decree been ordained of old to this condemnation." The Dunglisons belong to that category, and the fate of Dunglison's Dictionary is secure. In the hands of the son it will be kept up to the full measure of excellence which has left it for nearly half a century almost without a rival. It is safe to say that it will be found on the table of every American physician.

Clinic of the Month.

MODIFICATIONS OF NÉLATON'S CATHETER.—Dr. George Cowan, of Danville, Ky., describes, in the *American Journal of Medical Sciences*, two modifications of the rubber catheter, both of which possess certain advantages in particular cases. In the single case in which Dr. C. had occasion to use them they enabled him to reach the bladder when no other instrument could be passed. It is to be hoped that some of our surgical cutlers will prepare the catheters as modified by Dr. C., and thus save such persons as may have occasion to use them the troubles now connected with their preparation. Meantime we make the following abstract from Dr. C.'s paper:

"I fit snugly inside of them a closely-wound spiral coil of wire, having three or four turns of it sufficiently far apart opposite to the eyelet to allow the easy flow of the urine and mucus. A closely-twisted spiral coil was made of hard brass wire, No. 24 (Wilkinson's gauge), around a stiff steel wire, about No. 15 in size; and the spiral with the steel wire upon which it had been turned were together gently, and by a twisting and pushing movement, introduced into a No. 18 Nélaton catheter (which it fitted snugly) until the spiral pressed firmly against the closed extremity of the catheter, the spiral being closed at that end to enable the steel wire to push it along. The spiral having thus been introduced entirely within the catheter, a stiff metallic tube of suitable caliber and length is passed along the straight steel-wire stylet as a guide, and pressed tightly down upon the end of the spiral, while the catheter is made to glide in an opposite

direction over the spiral by a gently kneading pressure, like that made in sliding the fingers into a new kid glove. The object of this is to close the turns of the spiral upon each other, which, having been more or less opened throughout the entire length of the coil by the stretching received by the spiral in its introduction, are still retained in a stretched-open condition by the closely-embracing contraction of the catheter. It is very necessary that all the turns of the spiral should be compact and close against each other throughout its entire length, otherwise that elasticity and power of transmitting accurately a propelling force which is peculiar to the spiral curve is in a great measure lost.

"The first introduction of the catheter thus prepared tested fully the theory, the patient being entirely unconscious of its passage into the bladder until informed of the fact. It was then put into the hands of the patient's nurse, who used it ever thereafter with similar success. It is obvious that any degree of stiffness may be obtained by simply using wire varying in size or hardness of material. It is also probable that the combination of the spiral coil with the soft gum catheter could be better effected by molding the gum around the spiral at the manufactory. Further, the brass wire in warm weather should be superseded by a less corrosive material. Steel wire, nickel-plated, if it did not lose its elasticity by being plated, and the plating did not crack in twisting the spiral, would probably answer a better purpose. German silver and possibly platinum would each also serve a better purpose than brass."

The second modification, which also seems to be an improvement, is as follows:

"I procured two pieces of watch-spring—one No. 14 in width and the other No. 10, by Dennison's watch-spring gauge—of equal lengths, and both somewhat longer than the catheter. On one, the longest, was soldered, by means of a slit in its narrowest end, a small pear-shaped brass head.

The other spring, which was the narrowest one, and also about two inches shorter, was firmly riveted and soldered to the longer one, at a point about two inches from its probe-pointed extremity, so as to lie flat upon it and re-enforce it. The springs thus attached to each other were given, by bending, an overbent prostatic curve of such a degree and length as would insure the carrying of the beak of the catheter, into which it was to be inserted, gently but firmly elevated against the upper surface of the urethral canal throughout its course.

"The introduction of such an instrument into the urethra requires, of course, a good deal of unfolding and straightening of the prostatic curve in the hands in passing it through the straight portion of the urethra. After it has been inserted an inch or two within the meatus, the penis must be gently grasped in the left hand and carried over into the fold of the groin, while with the right hand the instrument is glided along the urethra, and the closing of the prostatic end resisted by bending the straight end somewhat in an opposite curve to the prostatic end. As soon as the sinus of the bulb is reached the instrument is carried over to the median line, the penis held nearly perpendicular to the body, and the instrument pushed on into the bladder. The catheter is now held firmly in one hand while the external end of the stylet is depressed somewhat between the thighs and withdrawn."

HAY FEVER.—Thomas C. Hoover, M. D., of Bellair, Ohio, writes to the *American Journal of Medical Science*:

"Miss M. E., who had been suffering from recurring attacks of catarrhus æstivus for eleven years, consulted me as to what means she should try for relief. The disease had uniformly recurred on the 18th of August, and had a mean duration of six weeks. At the time I first saw her she was in a paroxysm of sneezing, which she said had lasted for several hours. At times she suffered from distressing dyspnœa. She had also

a slight cough; general health excellent. Made a solution as follows: Potassæ chloratis, gr. xx; morphia sulphatis, gr. iv; aquæ distillat., fl. ʒ ij. M.: and used it by means of Holmes's perfumer, a form of atomizer, it being the most convenient. The relief was instantaneous. The same application was continued. The patient slept well, and was apparently entirely relieved until the fifth day. The sneezing returned. I then ordered her to use through the same instrument the following: Potassii bromid., ʒ j; aquæ, fl. ʒ ij. M. The paroxysm was interrupted as in the first instance. I ordered her to use these solutions alternately, using from six to ten inhalations three times daily, or equal to about one fourth of a drachm of the mixture. She continued to improve under this treatment, and without another return of dyspnœa or sneezing, until the 15th of September, when she discarded the use of the spray, being entirely well.

"J. D., a married man, aged about twenty-five years, who had been a sufferer from the same disease for six years past, came to my office, on the 26th of August, in the midst of a violent paroxysm of dyspnœa and coughing. He complained of a sensation of weight over the region of the bifurcation of the trachea, and a smarting sensation there when he coughed. Having the first solution on the table, I directed him how to use it. The relief was the same as in the first case. Ordered him to continue the use of the spray. Saw him about the 12th of September. He had discontinued the inhalation, having been entirely free from any symptoms of the disease after the first week he had used my treatment.

"Two other cases which came under my care were treated in the same way and with the same success."

TREATMENT OF VASCULAR NÆVI WITH THE GALVANIC CAUTERY.—It may be remembered that we made for this journal an abstract of Dr. Dawson's paper, published in 1871, on the actual cautery in vascular nævi. In the May number of the

American Journal of Obstetrics and Diseases of Women and Children Dr. D., in another communication on the subject, states that subsequent experience has but confirmed the views then expressed of the advantages and results of this treatment. He reports in detail a number of cases, and says:

"During the last two years, however, I have had opportunities of witnessing the use of, as well as using myself, the galvanic cautery in many operations in which it is *par excellence* the best means at the command of the surgeon. Having the requisite apparatus, I have used it many times for the destruction of *nævi*—in some of which other methods, excepting the actual cautery, had proved unsatisfactory—with unfailing success and most gratifying results.

"As many surgeons still seem undecided as to the best means for removing this not uncommon congenital disease, many still adhering to the oldest and most unsatisfactory methods, I deem it not inadvisable to add my testimony in favor of a method that so high an authority as Dr. Maas, of Breslau,* pronounces to be followed by the best results, and to be much safer than the injection of iron or other coagulating fluid. This opinion he arrived at after having used the galvanic cautery in 112 cases with the following results: *Capillary nævus*—cured, 32; improved, 1. *Cavernous or venous nævus*—cured, 72; improved, 8; died, 3. *Arterial or racemose nævus*—cured, 2; improved, 1. *Nævus combined with other tumors*—cured, 6; improved, 1; result unknown, 2.

"The galvanic cautery differs from the actual cautery in the means and facility for heating the needles, while it is superior to the latter from the fact that the degree and duration of the heat is wholly under control of the operator, and consequently it admits of being used with greater care and deliberation, while the actual-cautery needles, readily parting with their heat, necessitates their hurried use. These advantages, combined with the admissibility of using very

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fine needles,† are the only advantages the galvanic can claim over the actual, for the effects of the two methods are precisely similar—destruction of the diseased parts by heat. Both methods have the advantage of allowing the destruction of *nævi* in parts of the body where it would be either unsafe or impossible to apply other means, as was the case in the third of the following cases which I have selected out of eight as best illustrating the advantages claimed for the galvanic cautery."

THE HYPODERMIC USE OF ERGOTINE.—Prof. Hildebrandt, of Königsberg, Prussia, thus writes to Dr. Munde, of the American Journal of Obstetrics and Diseases of Women and Children, concerning this subject:

"I still see as much benefit from the method as formerly, and do not intend to relinquish it. The patients frequently complain of severe pain, and some are compelled to retire to their beds an hour after the injection, and rest for an hour or two. In a number of other women I made the injections in my office, and they regularly went home *on foot* without any difficulty.

"Abscesses I have never seen, and during the past few years I have made personally several hundred injections of a full Pravaz's (hypodermic) syringe. I know, however, that my colleagues here have met with them several times, but I also know with equal certainty that the canula in such cases was generally introduced too superficially. In two cases only in my clinic the sensitiveness of the skin was so great that in one patient after the tenth, and in the other after the twelfth, injection, which were made by my assistant, cutaneous abscesses arose.

"In performing the injection I take up a firm fold of skin and insert the canula of the syringe perpendicularly (not

† The needles used are made of fine platinum wire, doubled like a hair-pin, and then pinched tightly together. They need not be longer than an inch.

obliquely) into the crest of the fold to the depth of one half the length of the canula, in order that the fluid may always enter the thick, adipose, subcutaneous cellular tissue. I believe that it is owing to this circumstance alone that I have never had occasion to see an abscess. As a rule, only the first three to five injections are painful; subsequently they are more and more easily borne. A slight subcutaneous infiltration (Hautknoten) always remains, in some women only several days, in others many days and even weeks."

Dr. H. promises to follow the above in a few weeks by a more detailed article.

EARLY SIGNS OF URETHRAL STRICTURE.—Dr. Fessenden N. Otis, in a paper recently read before the New York Medical Journal Association and published by our able contemporary, the New York Medical Journal, thus speaks of certain matters connected with the urethra and its strictures:

"*Chronic urethral discharge*, commonly called gleet, is the signal which nature hangs out to notify the intelligent surgeon that an obstruction to the normal working of the muscular apparatus of the urethra has occurred; that plastic material, laid down in the antecedent inflammatory condition, has begun to contract the normal urethral caliber, whether it be twenty or forty millimetres in circumference, and that nothing short of a complete restoration of the normal caliber of the canal will afford a permanent cure. Sandal-oil may stop it for a time; injections of innumerable variety may, any one of them, temporarily remove it; but a little venous or venereal excess will reproduce it, and thus the case goes on until finally an attack of *retention of urine* calls attention to the fact that the patient has strictured urethra.

"*To prevent the return of stricture after operation*, the stricture must first have been thoroughly sundered at some point; that those strictures which have been *permanently cured* (and in this number I do not include those facetiously termed

cured where the patient is obliged to use or have used a sound every two weeks for the balance of his life, but those that never re-appear after operation) have been so sundered, either by rupture through dilatation more or less rapid, by divulsion, or division. The reason why the treatment of stricture after the usual methods is imperfect—that there is always a tendency of the stricture to return—arises from the fact that, as in the case cited, the strictures were not *completely sundered* at any point—that they were *distended*, not *completely divided*. All urethral strictures are composed of elastic tissue, and any operative procedure that falls short of *complete* division of the constricting band *can never produce more than temporary results*. As long as No. 8 of the English and No. 21 of the French scales are accepted as representing the *normal* caliber of the human male urethra, and as long as *curative* treatment ceases when this caliber has been reached, there will never be *radical, permanent cure of urethral stricture*. Sooner or later, however, it is certain to be accepted that urethræ vary in size in different individuals just as widely as any other constituent portions of the human body, and that consequently stricture of the urethra is a *relative term*; that while No. 8 bougie English or No. 21 French will determine the presence or absence of stricture in the urethra of corresponding caliber, it fails to recognize stricture in urethræ of larger size, and which has been positively demonstrated in certain cases to reach as high as thirty-six or even forty millimetres in circumference; and that *complete* division of stricture, *of whatever caliber*, having been accomplished, *re-contraction may be prevented*, and that thus strictured urethræ can by appropriate treatment be with certainty restored to their normal dimensions without fear of subsequent recontraction. This I do not assert unadvisedly or rashly, as the records of more than fifty cases occurring in my own experience will demonstrate. Several of these cases, in which five and six strictures were present two years ago, and then

thoroughly divided, have been carefully examined by me within the last month, and can be shown to-day free from the *slightest evidence of recontraction*. This goes far to prove that complete division of stricture, with appropriate after-treatment, will give complete immunity from recontraction. The results of operations with the *dilating urethrotome*, presented by me to the profession at a meeting of the New York Medical Journal Association more than a year ago, have remained permanent; that is to say, *that the strictures operated on, having been thoroughly divided, were afterward completely absorbed.*"

Stricture completely curable.—Dr. Otis wishes to be distinctly understood as claiming that "stricture, as ordinarily met with, is *absolutely within the reach of curative measures*; that if completely divided, and this division maintained by suitable means until healing of the parts has occurred, no *recontraction* can ever take place; that dilatation, temporary or permanent, is *never more than a palliative measure*, unless carried to a point sufficient to *completely rupture the stricture*; that the division of stricture is not more hazardous, to say the least, than permanent dilatation—that is, by introduction of dilating instruments, which are required to remain *in situ* for hours or days—or than rapid dilatation, which requires instruments of increasing sizes to be introduced at one sitting; and, I may venture to say, scarcely more likely to produce trouble than temporary or transient dilatation, as usually practiced by surgeons, which is simply to pass a sound or bougie gently through the urethra, and to be immediately withdrawn; the same to be re-introduced, at intervals of two or three days or weeks, for the rest of the natural life of the unfortunate patient."

Dr. O. then concludes with the following: "1. Stricture may be present before difficulty in urinating occurs. 2. It is always present when *gleet* is present—*gleet, as a rule, means stricture*. 3. Dilatation of strictures is, at best, but a

temporary expedient; valuable in close stricture, where urination is interfered with, and the stricture is too close for the introduction of instruments for completely dividing it; but dilatation is not only without permanent value except in such cases, but *it is pernicious*, inasmuch as, while it is never curative, it takes the place of curative measures. 4. Nothing short of complete division of strictures can ever result in radical cure."

OBSERVATIONS ON HARE-LIP.—Sir William Fergusson, in a recent lecture on hare-lip (*British Medical Journal*), states that his favorite date for performing the operation is from three weeks to three months after birth, provided always that the child be in good health. "I have a strong impression, from my experience, that the older a patient is the more is the effect of the operation perceptible on the constitution, bodily and mentally; and I am equally convinced that if it be performed at an age when there can be no subsequent recollection of the circumstance, so much the better for all parties."

Sir William F. is of the opinion that projection of the intermaxillary bone, besides frequently the cause of much annoyance to the surgeon, is often the direct cause of failure in operations.

"In the case of double hare-lip, with double cleft in the alveolar ridge, there may be great projection or little or none. In the latter case, particularly if the columna and lateral portions of the lip be of good size, there may be no need for meddling with the intermaxillary mass. If, however, the projection be considerable, or what may be called great, and if the columna and side portions of lip be scanty, there ought then, in my opinion, to be no hesitation about taking away the projection at its junction with the vomer. The attempt to push this part back by gradual pressure is troublesome, or well-nigh impossible, in most instances, even if, as has been proposed, its narrow neck be broken. In either instance—

it has never been told from experience in what direction—the teeth come in the part thus displaced. In either or both instances I have no doubt in my own mind that the teeth, if they came at all, would so slope backward as to be of no value either for show or for use. There is, however, indubitable proof that without thus meddling with the part there are only two incisors of respectable size after all, and these are of such indifferent quality that they had better have been dispensed with at the earliest date. I therefore never hesitate to remove the intermaxillary mass when it seems the least in the way of a satisfactory operation. The advantages of doing so seem to me greatly to preponderate, and if there be cleft hard palate at the same time, there is far greater chance in after-years of the gap becoming narrower, while in adult life there will be greater facility for the assistance of the dentist. But, I imagine, there is less hesitation or difficulty in the surgeon's mind in the case of capacious double gap than when there is only a single one with considerable projection of the intermaxillary margin. It is to such cases that the chief object of these observations is directed. If it be difficult to apply compression on the intermaxillary portion in double cleft, it is still more so when only one side projects, for its base is broader and firmer. The instances where there is no special projection are common, and require no comment, as there is then, as regards this matter, no obstacle to a satisfactory and successful operation; but when there is a projection, if considerable, it is a more serious obstacle to these results than those inexperienced may imagine. I believe that this condition is a frequent cause of failure in the ordinary operation, particularly if it be done without the truss-compressor on each cheek to push the lateral portions of the lip toward the mesial line. In such a case the surgeon is naturally anxious to leave the alveolar ridge untouched; and in accordance with a common practice, when it is desirable to secure union by first intention, when the stitches or needles

are withdrawn, strips of plaster are carried from cheek to cheek to hold the union firm. Scarcely a greater mistake can be made, for the line of union in the lip being generally under such circumstances exactly over or opposite to the sharp angle of the projection of bone, the young cicatrix is pressed against it, and gradually thins away until it is fairly split open, when the operation proves a failure. This, I have a strong impression, is an explanation of the failure of many cases that do not seem in any special way complicated. I do not mean that straps always conduce to this effect, and that therefore they should never be used. On the contrary, I have very frequently seen them of much service. But, if the single projection alluded to be conspicuous—in which case there will always be a somewhat sharp, angular margin—it is, in my opinion, best to get rid of it at the time of the operation. In my own practice I was at one time in the habit of cutting the projection away with sharp small bone-forceps, dividing gum and bone at the same time, and aiming chiefly at getting rid of the projection. This usually involved all the intermaxillary bone on that side, and implied perhaps little heed of what damage might be inflicted on the sound side, although latterly I always passed the blades into the mesial line between the intermaxillary bones, so as to secure this side from material injury. In the course of my experience I fancy that I refined on this practice. I found that it was well to detach the portion as high up toward the nostril as could conveniently be reached, and here I discovered that in all young subjects there was only cartilage to be divided. This could easily be done with the knife or scissors, and so for many years I have used only one or other of these instruments. Usually I have passed the scalpel through the mucous membrane, under the frænum, up between the bones, and divided the cartilage, periosteum, and gum to sever the part; and thus the use of cutting with the bone-forceps has been dispensed with; for, to say the least, such an instrument

is coarse-like and clumsy in an operation for hare-lip on an infant only a few weeks old.

"While I can offer little objection to this proceeding, I fancy that I have recently fallen on one equally efficacious, and void of certain objections which, I think, might be urged against it. Instead of this sweeping wholesale abstraction, I content myself with making an incision—vertical, sloping, or horizontal—with a scalpel through the mucous membrane and periosteum over the projecting piece of bone. With a few touches with a knife, or a little squeeze with finger and thumb, I so separate these tissues as to permit the entrance of a gouge of a quarter or three eighths of an inch in breadth, with which I scoop out the body of the milk incisor-tooth in as far as it is formed, taking no heed of the cyst or of that of the permanent one, and even cut out such wall of bone as may be there; usually, at four or eight weeks, only small plates of bone. In this way the hard projection is removed, and the tissues that remain offer no obstruction to the union of the junction of the lip in front, while the operation, as it appears to me, is less destructive, therefore more conservative, in character. There is thus left only the mucous membrane, with possibly some periosteum, which forms a soft cushion behind the wound in the lip, and so the remaining intermaxillary bone is not divested of covering so thoroughly as when cutting-instruments are passed in the mesial line to take all away on the offending side."

HYDRATE OF CHLORAL IN THE TREATMENT OF PERTUSSIS. Dr. Jas. Bordley, of Centreville, Ohio, thus speaks of chloral hydrate in whooping-cough: The dose, of course, must be regulated by the age of the patient and the severity of the attack, and care always taken to observe the peculiar susceptibility in each individual case; as some children are much more susceptible to its action than others, as much so as is the case with opium and its preparations. He commences

with a half grain for a child one year old, and increases half a grain for each additional year, and repeats every three or four hours. After noting the effect of that dose, he increases it from a half to one grain each day, according to the severity of the attack and the peculiar tolerance of the medicine. Yet in some cases this plan may be deviated from with benefit, and the increase may be much greater and more rapid, but in the majority of cases he has found the above plan satisfactory. Watch the effect of the article, and when decided symptoms of hypnosis are manifested suspend its use until the subsidence of such symptoms, then begin it again in diminished quantity, to be increased as before. He has found the "compound syrup of sarsaparilla" a good vehicle for its administration, as it masks the taste and destroys the pungency of the chloral more effectually than any thing else he has tried.

CARBUNCLE TREATED BY CARBOLIC ACID.—Dr. Peter Eade writes, in the *London Lancet*, that he has found the action of carbolic acid in carbuncle constantly beneficial. He uses one part of acid to four or five of oil or glycerine. He thinks the efficacy of the solution is limited almost absolutely to those parts with which it could be brought into actual contact; and, although it appears occasionally to have produced injurious effects when used in large quantity, he has kept a large sloughing and granulating surface, for days together, constantly covered with the carbolized oil without any harm arising, although the urine soon presented the peculiar blackish color which has been several times observed during its employment.

Notes and Queries.

THE MEDICAL LITERATURE OF KENTUCKY.—The following is an extract from a Report on the Medical Literature of Kentucky, by Dr. L. P. Vandell, which will be published in the forthcoming volume of Transactions of the State Medical Society:

"I have undertaken, in compliance with the wishes of the Medical Society of Kentucky, to write a history of the Medical Literature of the State, and have the honor to submit the following report as the result of my labors. The report embraces a period of seventy-five years, and refers to the productions of more than two hundred Kentucky physicians who have written on medicine. It is consequently long, and, if deemed by the society worthy of publication, must extend through at least two volumes of its Transactions. In preparing it two plans occurred to my mind; one to present a continuous history of the various publications as they appeared; the other to take up the several authors in the order of their appearance, and then, having introduced them, to follow each down to the present time or to the close of his career. The latter has been adopted as having upon the whole most advantages, and this notably among others, that with every author named in the report will be seen at a single view a list of all his writings.

"The report, besides notices of the medical literature of Kentucky, embraces some account of the origin of her medical schools, with biographical sketches of a number of her more distinguished medical men. In collecting the materials for it my chief reliance has been upon the medical journals

of our country, and all these have been examined in which it was thought any thing was likely to be found from the pens of Kentucky physicians. The transactions of our society from the beginning and those of the American Medical Association have also been consulted. I have sought in addition to gather up all the introductory lectures delivered in our medical schools, and all the more ephemeral publications not contained in the journals of medicine. The reports of our hospitals, lunatic asylums, institutions for the blind and for deaf-mutes have also been referred to. The larger and more elaborate works on medicine have received due attention, and in addition to all I have had recourse to other than medical books for some facts that bear upon the history of Kentucky medicine. But with all my efforts to make the report complete I can hardly hope that many omissions will not be found in it which more time and greater care might have prevented; and still less reason have I to expect that my readers, however courteous, will concur in all the judgments expressed concerning our medical writers and their works. On the latter point I claim only to have formed these judgments candidly, and without any feeling of which I am conscious that would tempt me to do injustice to any one. Almost all that relates to the medical schools of Kentucky I have written from my own recollection, and venture to hope that my account of them will be found free from prejudice. Whatever were the controversies in which I bore a part while connected with those institutions, the time since has been sufficient to allay all the animosities they enkindled.

“On an impartial review of the labors of Kentucky physicians and surgeons, and a candid comparison of her medical literature with that of her sister states, I believe it will be admitted that a work has been performed by her medical profession of which she may well feel proud. Her great physicians and surgeons lose nothing by comparison with the statesmen, orators, and soldiers who have conferred luster

upon her name. A near neighbor to the Sage of Ashland, his medical counselor and intimate friend, lived the most successful lithotomist of his times. With the hero of Buena Vista grew up to manhood in the backwoods of Kentucky another surgeon, to whose boldness and skill the world is indebted for ovariectomy, an operation which has already added years to the average duration of life in women. The most original and elaborate treatise on medicine by an American physician is from the pen of a writer who was reared in Kentucky, and while engaged in its preparation was a teacher in one of her medical schools. One of the most comprehensive systems of surgery in our language was written by a former teacher in the same school; and the work on practice, which stands at the head of American medical books, is made up in part of materials collected by the author while a teacher of medicine in Kentucky.

"Among those who were first attracted by curiosity or by a spirit of adventure to the wilds of Kentucky were two physicians whose names have come down to us. Dr. Walker visited the eastern borders of the state as early as 1747, a good many years in advance of Daniel Boone, and Dr. Connolly came out in 1770, only a year after the great pioneer. Connolly was one of the company which laid out the plat of the city of Louisville in 1773, a year before the first log-cabin was reared by a white man in the state. These hardy adventurers came and saw the glories of our primeval forests and our fertile lands, but left behind them no history of their observations or adventures; and but little further is known of them than that Connolly became a tory on the breaking out of our Revolutionary War; after having shared in the confidence of Washington was captured with dispatches on his person hostile to the colonies, and confined many years in prison.

"The medical literature of Kentucky dates back a few months beyond the beginning of the present century. It

is an interesting fact that the idea of originating a medical school in Kentucky is as old as her literature. As early as 1799 the Medical Department of Transylvania University was partially organized, and Dr. Samuel Brown was elected to the chair of Theory and Practice of Medicine and Chemistry. About the same time Dr. Frederick Ridgely, who had distinguished himself as a surgeon in the Revolutionary army, delivered a course of lectures in the University to a small class of medical students. To this dignified and worthy pioneer of the profession therefore belongs the honor of having inaugurated the public teaching of medicine in Kentucky. Dr. Ridgely was a pupil and afterward a correspondent of Dr. Rush, and in all the moral elements that go to form a good physician, as well as in general scholarship and medical learning, he was a worthy pupil of his illustrious teacher.

"No one who only for a moment turns his mind to the medical literature of Kentucky can fail to remark how great an influence has been exerted over it from the beginning by her medical schools. It originated with Dr. Samuel Brown, who was also first to receive an appointment in the earliest organized school. The medical journals, which have done so much to stimulate professional writing, have been chiefly sustained by our schools of medicine.

"About the time that Dr. Brown was made a professor in Transylvania University he became a writer for the medical press. The first medical paper from the pen of a Kentucky physician that I have been able to trace is one written by him for the American Medical Repository, at that time, I believe, the only journal of medicine published in the United States. It bears date June, 1799, and is contained in the fourth volume of that journal. In the same volume is the report of a case by Dr. Brown, dated November, 1800, together with a second one of a later date; and these are followed, in subsequent numbers, by other medical histories,

which as possessing an inherent interest, as well as being matters of curiosity at this day, I shall notice in detail.

"Dr. Brown, the father of our medical literature, was in every respect a remarkable man. In person he was much above the ordinary size of men, as well as pleasing and commanding. He was of a noble aspect, and his manners were in keeping with his presence. Highly gifted by nature, his fine parts were set off by all the advantages of education. A scholar, with a quick, observant mind, enlarged and polished by intercourse with the world; witty, fluent in speech, full of general knowledge and anecdote gathered from extensive travel, he was fitted to shine as a lecturer; and if necessity or taste had turned his attention seriously to the practice of medicine, as a physician he might have attained to the highest rank. But with all his powers and varied accomplishments he was not a successful teacher, nor for many years did he take any serious part in the practice of medicine. His mind was a discursive one, and he could not brook the drudgery of his profession. He was a desultory rather than a severe student, and was always captivated by novelty, at the same time his strong common-sense saved him from the wild philosophy which pervaded some of the schools of medicine in his day.

"Dr. Brown was a native of Virginia, and on his mother's side was descended from John Preston, of the Blue Ridge, to whom so many gifted men of the South trace their lineage. He was sent to Edinburgh to complete his medical education, and heard the lectures of Monroe, Bell, and Black, where sat beside him fellow-students from America; Hosack, of New York, and Davidge, of Baltimore, and McDowell, of Kentucky. He was wont to relate to his classes in Lexington that three of the young Americans resolved among themselves to become teachers of medicine on their return home. The idea, he told us, seemed preposterous to the students of the old country, and the Americans were not a little ridiculed for their lofty designs. 'But,' he continued,

'we were not to be laughed out of our projects, and in a little while after his return Hosack was announced a professor in his native city, and Davidge was at work laying the foundations of the University of Maryland. I was appointed a professor in this young university, but the chair proved to be a barren scepter in my hand. After many years a new organization was effected, in which my name did not appear. But the enterprise failed; the professors disagreed, got into controversies, aspersed one another in acrimonious pamphlets, and the faculty was broken up. A new attempt was made, and my long-cherished vision was at last realized. I found myself, after so long a time, in a flourishing medical school.'

"But as he adhered long to no system of medicine, so he soon grew tired of the business of teaching, and in five years relinquished the place in the school for which he had waited so long. Dr. Caldwell, the most scholarly of his colleagues, on account of this readiness to embrace new theories and systems, pursue them eagerly for a little while and then abandon them for something newer, was in the habit of comparing him to 'a cur-dog hunting rabbits.' He certainly was wedded to no doctrine in medicine. Of none could he ever have said, with the great Hunter, that 'he would never give them up till he gave up the ghost.' His anecdotes, which he told in the happiest manner, formed the most attractive feature of his lectures, or at least the parts which I find clinging most tenaciously to my memory. One in particular I remember, related in his valedictory address to his class in 1824. 'I knew a professor in Edinburgh,' he said, 'who from repeated dislocations of his lower jaw was liable to that accident every time he yawned. On account of his infirmity it became necessary to take with him constantly a servant who had learned the art of reducing the dislocation. His students soon came to understand the case, and when at any time the professor grew tedious, they had only to set up a general yawning to excite the same movement in him; whereupon, before he

thought of it, his jaw would fly out of place, and while his servant was at work setting it they would hurry out of his room, pretending to think the lecture was over. No doubt, gentlemen,' he continued, with a pathos that affected the most thoughtless of his pupils, 'you would have been glad many a time this winter if you could have exerted the same control over my jaw.'

"Like nearly all great men, Dr. Brown was natural in manner and simple in his tastes, as far as possible removed from that pedantry and pomposity that at one time seemed characteristic of medical men. The following incident is illustrative of this pleasing trait in his character. He had been called to see a sick child in consultation with a leading practitioner of Lexington, and among the measures agreed upon was a warm foot-bath. Returning to the chamber of the little patient, the physician in attendance proceeded to give directions to the mother in terms somewhat like these: 'You will immerse the lower extremities of your infant in tepid water, madam, and subsequently use friction freely with a napkin.' The mother was lost in the succession of long words, and raised her eyes in bewilderment. Dr. Brown saw her embarrassment, and hastened to relieve her by saying, 'Bathe your child's feet and legs in warm water, my good woman, and wipe them dry with a towel.'

"The crowning labor of Dr. Brown's life, from which he expected the happiest results, was the formation of a society designed to promote harmony among the members of the profession. He styled it the *Kappa Lambda Association*. It included among its members many of the most eminent physicians in our country. Dr. Brown was its president, and it was his purpose to devote the evening of his days to visiting the branch societies in the towns and cities of the Union, thus cultivating the social relations of physicians. He resigned his chair in 1825, and died, near Huntsville, Ala., on the 12th of January, 1830.

"Dr. Daniel Drake succeeded to the chair of Theory and Practice in the University. He had been connected with the efforts, in 1817, to form a medical school in Lexington. His associates were Drs. Dudley, Richardson, Overton, and Blythe. The enterprise failed, and the faculty was disorganized at the close of the first session; Overton returning to Nashville a good deal disgusted with medical schools, and Drake returning to Cincinnati to establish one in that city. The feuds that led to the disruption resulted in a bitter personal controversy, which was carried on for a time in pamphlets, and ended in a duel between Dudley and Richardson. Drake was already an author before his first connection with the University, and as such was known beyond the bounds of his own country. His 'Picture of Cincinnati' had given him a reputation among scientific men in Europe. With the circular letter announcing the reorganization of the Lexington school came from him to us in Tennessee a prospectus of the Ohio Medical College, setting forth its claims to public patronage. With his indomitable will and perseverance he had procured a charter for a school of medicine in Cincinnati. The gifted anatomist, Godman, was associated with him; but he was doomed to a second disappointment, for Godman, after a year or two, became discouraged and resigned his professorship. Two other colleagues became refractory and conspired against him. In his charter he had unwisely placed the governing power of the college in the hands of the professors, and when dissensions arose in the faculty there was no umpire to settle them. Having the appointing power, they claimed also the right to expel an obnoxious member. Dr. Drake was president of the faculty, and would at any time after the first year or two have cheerfully accepted the resignation of his colleagues, but being in the minority he could not compel them to resign. After Godman gave up his place but three professors remained—Jesse Smith, Elijah Slack, and Drake. Things went on from bad to worse, until the majority made

up their minds to get rid of the difficulties by expelling the president. A meeting of the faculty was accordingly called. The president had no right to decline taking part in it, and at the appointed hour appeared in his seat. A motion was made by Prof. Smith that Prof. Drake be expelled from his chair in the Ohio Medical College. It was duly seconded by Prof. Slack, and the president put it to vote. There were two votes in the affirmative, and the chair having no right to vote except in case of a tie, the president announced that 'Professor Drake was unanimously expelled from the Ohio Medical College;' and Dr. Slack, taking up the only candle in the room where this scene was being enacted, conducted the extruded professor down stairs.

"In October, the same year, I met Dr. Drake in Lexington, whither I had repaired to attend my first course of lectures. He had returned to Transylvania again, chastened by defeat and with powers enlarged by experience. I saw him take the oath of office administered to the professors in the University, and heard his Latin oration when inducted into office. For colleagues he had Caldwell, Brown, Dudley, Richardson, and Blythe. I know that large deductions must be made for first impressions on an ardent youthful mind. Much of the enthusiasm excited by new men and strange scenes, I am aware, is to be set down to the charm of novelty; but my conviction is still strong, after the lapse of these fifty years, that I have never seen in any medical school a more splendid combination of talent than adorned Transylvania University at that day. Caldwell, in all the personal and intellectual qualities that strike the eye and the ear in a lecturer, has rarely been equaled by a teacher of medicine. Though already advanced in years, he retained all the fire and vigor of early manhood. His spirits were buoyant and his temper sanguine, and whether on the rostrum or in his study, his air was that of a man who was doing his best. During the winter Drake engaged him in a debate on the question of

spontaneous generation. He affirmed the truth of the doctrine, and adduced many facts to prove that acorns might be developed in the earth and fish in mill-ponds. Drake overwhelmed him by authorities to the contrary, and out of a class numbering two hundred carried nearly every student with him.

"Dr. Drake was in the habit of saying that 'he had resigned more professorships and been oftener expelled than any medical teacher in the United States.' His appointments amounted to not less than ten, and he was connected with five schools, two of which were of his own projecting. It is significant that from his first effort in Lexington down to his last winter in the University of Louisville, as often as he came to Kentucky he found relief from pecuniary pressure, and with this also comparative peace and tranquillity of mind; and that as often as he returned to his loved Cincinnati it was only to encounter jealousy and failure."

GUN-SHOT WOUND.—Dr. W. P. White, of Louisville, Ky., communicates the following case: "Was called, on the 23d of last October, to see Mr. Mc. a few minutes after his having been shot by a Smith & Wesson pistol. The ball passed through the tragus of the left ear, behind the zygomatic fossa and ramus of the left inferior maxillary bone, passing across so as to strike the posterior alveolar processes of the right superior maxillary, dislodging two of the molars, and also breaking off a piece of the bone, and then was spit out. It was found badly battered. The hemorrhage, which was quite free, was arrested by compressing the temporal artery. Whisky was given, and the patient was removed to a hotel a square distant from where he was shot. In five hours reaction had fairly commenced, the bandage and compress were removed, the hemorrhage did not return, and fifteen grains of bromide of potassium were given every two hours. The bromide was used for some days at such intervals as seemed best, a laxa-

tive given when necessary, and cold-water dressing applied to the external wound. During a part of the time his pulse was 108, the skin hot and dry, and there was great somnolency. On the 30th he was removed home, two miles distant. On the 1st of November another tooth was removed, and also a portion of the alveolar process. On the 6th he was able to walk about. The wound healed up by healthy granulation, and his recovery was complete."

IMMEDIATE OPERATION FOR LACERATED PERINÆUM.—Dr. A. Given, of Louisville, Ky., gives the following narration:

"March 12th I saw Mrs. B. twenty minutes after her giving birth to a large child. Upon examination I found a complete rupture of the perinæum. Adopting the practice advised by Dr. Goodell in his article upon *Laceration of the Perinæum*, I immediately closed the rent with wire sutures; the patient's knees were fastened together, and a solution of carbolic acid introduced into the vagina twice a day. The bowels were evacuated on the seventh day—a warm-water enema being used—and on the eighth the stitches—there were but two—removed; and I found complete union, except at about one eighth of an inch of the upper angle of the rent. The result, while excellent, would have been more satisfactory had three sutures been used.

"The advantages of a primary over a secondary operation, as suggested by Dr. Goodell, are threefold:

"1. The parts, being raw and in a plastic state, readily unite when held in apposition.

"2. When the rent is immediately closed the union will usually be completed in the time allotted to women for keeping their beds in ordinary labors, thus saving time and a great deal of annoyance to the patient.

"3. The parts being in a state of anæsthesia produced by the labor, the introduction of sutures causes but little pain and inconvenience afterward; while if the case be left until

the flaps cicatrize, the denudation and introduction of the suture is a very painful operation, unless performed while under the influence of chloroform."

AMENORRHEA FROM CONGENITAL MALFORMATION. — Dr. A. C. Haynes, of Owensboro, Kentucky, communicates the following:

"In adult women the occurrence of sexual desire is a proof of ovarian activity. Dr. Churchill says, 'I think where this desire is present there can be no doubt of the presence of at least one ovary, and of its being more or less active, even though menstruation does not take place.' But, on the other hand, absence of sexual desire is no proof of the absence of the ovaries; for such desire is not essential for conception, and some women have been quite prolific never having experienced it.

"The subjoined case illustrates the fact of the existence of sexual feeling with absence of the uterus, and shows, according to the statement of Dr. Churchill just now quoted, that at least one ovary was present.

"Mrs. —, twenty-seven years old, has been married several years, and enjoys sexual intercourse. She has never menstruated. The external organs of generation are normal, the breasts well-developed, but the vagina is only about two inches long, and the most careful and thorough examination fails to detect a uterus even in a rudimentary condition."

POISONING BY THE ROOT OF *PHYTOLACCA DECANDRA*. — Dr. Rawlings Young, of Corinth, Miss., writes that he was called, on the 21st inst., to three children—nine, six, and four years old—poisoned by eating the root of the *phytolacca decandra*. They ate this at 11:30 A. M., at 12 M. took a hearty dinner, and in an hour after commenced purging and vomiting. At 4:30 P. M., when he first saw them, the purging had ceased, but free vomiting occurred at intervals of twenty or thirty

minutes; great dilatation of pupils; pulse rapid and very feeble; inspiration short and sighing. When completely aroused from their narcotism they complained of intense epigastric pain, great thirst, and chilliness. The treatment consisted of hot baths, sinapisms, small doses of brandy frequently repeated; and they all recovered, though continuing to vomit until 6 A. M. the next day, and complaining of vertigo and epigastric tenderness for a day longer.

WAS IT INFLUENZA?—The following has just been received from one of the most experienced and sagacious of our medical friends:

Editors American Practitioner:

A very curious case having recently come under my observation, I beg to give you its history in order to elicit reports of similar cases, if your readers have had such, that I may put them together, and, if possible, work out the pathological condition on which they depend, and which I could not definitely determine in the following case.

Mr. B., merchant, aged fifty-three years, previously healthy, having never had other illness than two or three attacks at distant intervals of intermittent fever—the last more than a year prior to the present attack—after a short ride by rail through cold March winds, finished by a few miles on the top of a stage, felt badly, as though he had contracted a cold. He took a foot-bath and a hot punch, and retired early. Next morning arose not feeling well, but passed the day pleasantly; among other things enjoyed for a short time a fox-chase on horseback. The succeeding night returned to the city still feeling badly, and upon the following morning, the 1st of April, I saw him. He was in bed, countenance and complexion entirely natural; was cheerful; said he had sent for me, but scarcely knew why; that he had moderate appetite, had slept well the preceding night, had no cough, no sore throat; felt weak, and had a sense of constriction

across the trunk about the top of the epigastric and hypochondriac regions.

He was so cheerful and complained so little that I was very near dismissing the case without even noting the pulse; but on doing so it was so long before I felt a beat that I supposed the artery was compressed at some point. Ascertaining, however, that it was not, I found it beating but 26 to the minute. The rhythm, fullness, and force were perfectly good; respiration 24 per minute. The heart was normal in size, its sounds distinct, and impulse pointed and natural. The bowels were in good condition, and the urine sufficiently abundant, its specific gravity 1020, and betraying nothing abnormal under microscopic and chemical examination.

I directed the recumbent position to be maintained, and brandy, musk, and camphor to be given freely. At the afternoon and evening visits the condition remained unchanged. At the evening visit withdrew the stimulants, and gave five grains of quinine and one quarter grain of calomel every three hours until four doses were taken.

The morning of the second day found him in every regard about the same, except the respiration, which was 14 per minute. Drs. Lewis Rogers and Bolling saw him with me in the course of the day, and upon careful examination found heart as above reported; but prior to their visit patient had a moderately large evacuation from the bowels, induced by the calomel, and the pulse-beats had increased to 32 per minute; respiration 14. We continued two-and-a-half-grain doses of quinine every four hours, and ordered a pill of two grains of calomel and compound extract of colocynth, each to be taken at bed-time. The third day the pulse was 36. The pill had acted well; otherwise the same.

The fourth day pulse 42. We gave no medicine. The fifth day pulse 60. The sixth day it rose to 80, its natural rate. Patient then resumed work; has observed no inconvenience, and is now quite well. The temperature the first

morning was 97° ; that evening it rose to 98.4° , and continued at that throughout.

I should, as remarked at the outset, be glad to see reports of similar cases, if such occur in the practice of your readers.

LOUISVILLE, May 14, 1874.

E. D. FORÉE.

OBITUARY.—At a called meeting of the Zanesville Academy of Medicine, held Saturday, May 2d, to take action in relation to the death of its late fellow, Dr. Jno. G. F. Holston, which took place at Washington, D. C., May 1, 1874, the following resolutions were adopted:

"That we, whose occupation has been to relieve human suffering, are reminded that the time must come when our places on earth shall be vacated, therefore

"Resolved, that in the death of Dr. Holston the Zanesville Academy of Medicine loses one of its prominent members and the profession at large an eminent physician and surgeon of extensive professional and literary culture, ripe experience, and accurate judgment, and society a warm-hearted, genial, and generous member, whose life has been mainly devoted to the good of his fellow-beings.

"Resolved, that we attend the obsequies of our deceased fellow in a body.

"Resolved, that we deeply sympathize with the family and relatives of the deceased.

"Resolved, that the corresponding secretary transmit a copy of these resolutions to the family, the city press, and the medical journals.

C. C. HILDRETH, *Chairman*.

"A. E. BELL, *Secretary pro tem*."

THE McDOWELL MEDICAL SOCIETY.—In response to a call made by the Henderson Medical Club upon the physicians in the counties of Hopkins, Christian, Union, Webster, and Henderson, between thirty and forty physicians assembled in Henderson, Ky., Thursday, May 7th, for the purpose of effecting a district medical association. Such an organization *was* effected, embracing the counties above named, and called

the "McDowell Medical Society," in honor of Dr. Ephraim McDowell. The following gentlemen were elected officers for the ensuing twelve months:

President—Dr. J. B. Cook, Henderson; *First Vice-president*—Dr. W. M. Fuquay, Christian County; *Second Vice-president*—Dr. R. M. King, Hopkins County; *Third Vice-president*—Dr. O. L. Drake, Webster County; *Fourth Vice-president*—Dr. J. T. Jenkins, Union County; *Fifth Vice-president*—Dr. P. Thompson, Henderson County.

Interesting and important papers were read by Drs. J. H. Letcher, J. L. Cook, P. Thompson, S. Furman, and J. A. Hodge. The following committees were appointed:

Committee of Arrangements—Dr. J. W. Pritchelt, Madisonville, Chairman; *Committee on Medical Ethics*—Dr. J. A. Hodge, Henderson, Chairman; *Committee on Public Hygiene*—Dr. Robert Stuart, Zion, Chairman; *Committee on Epidemics*—Dr. H. S. Jones, Corydon, Chairman; *Committee on Obstetrics*—Dr. O. L. Drake, Slaughtersville, Chairman; *Committee on Improvements in Practical Medicine*—Dr. Ben. Letcher, Henderson, Chairman; *Committee on Improvements in Surgery*—Dr. P. Thompson, Henderson, Chairman; *Committee on Finance*—Dr. Thomas W. Taylor, Henderson, Chairman; *Committee on Publication*—Dr. William M. Hanna, Henderson, Chairman.

DR. ELY MCCLELLAN.—Under joint resolution of Congress, approved in March last, authorizing the detail of a medical officer of the army to inquire into and report upon the causes of epidemic cholera, Ely McClellan, M. D., has been selected by the surgeon-general of the United States army to carry out the provision of the resolution. Dr. McClellan is already known to the readers of the *American Practitioner* as an earnest and intelligent laborer in this interesting field. Of the many cultivated and accomplished men under the control of Dr. Barnes, we believe he could not have designated one who would make a more conscientious and exhaustive effort to collect and develop the facts of the late epidemic than Assistant Surgeon McClellan.

SUPPLEMENT.

UNIVERSITY OF LOUISVILLE.

ADDRESSES

BEFORE THE

GRADUATING CLASS

OF THE

MEDICAL DEPARTMENT.

1874.



THE MEDICAL PROFESSION.

BY LUNSFORD P. YANDELL, M. D.

GENTLEMEN GRADUATES:

I appear before you on this interesting occasion at the request of your late teachers, the medical professors of the University of Louisville. I have been invited by them to address some words of welcome to you on your admission into the brotherhood of physicians, which the diplomas you hold in your hands accredit you as qualified and worthy to enter. This pleasant office has been assigned me in consideration of my long service in the profession and of the relations which I sustained for many years to the institution of which you have just received the highest honors. It seemed to your teachers appropriate that the first welcoming hand should be extended to you, and a God-speed invoked as you step upon the theater of professional life, by one of the oldest physicians of Kentucky, who was also a member of the faculty which took part in the organization of the school and conducted its earliest exercises.

The interest that may heretofore have attached to this relation in the minds of the alumni of the University is greatly enhanced by an event fresh in the memory of you all, which leaves me without any of my old associates in it. One after another of the men who participated with me in the first labors of founding a medical school in Louisville has been called away, until I am left the only living representative of

its original faculty. Caldwell, much the oldest of the body, and the admitted leader in the enterprise, and Drake and Cooke, his oldest colleagues, and like him men of learning and great powers of mind, have been many years in their graves. Cobb, Short, and Flint, who stood next in point of seniority, followed them after lives of great usefulness and distinction, which were extended beyond the ordinary term. And you were called a few weeks ago to unite with the medical profession of Louisville in the last offices of respect to the memory of the last of my honored colleagues in the faculty, Dr. Henry Miller, who died, like those who went before him, as full of honors as of years.

I am not here this evening to pronounce eulogies on these gifted men. Their names and labors have become a part of the fame of American medicine. Dr. Gross, I may remark, was not in the school with us at the beginning, but a distinguished teacher in one of the schools at Cincinnati, and only came to the Medical Institute at the opening of its fourth session.

When we set to work to build up the school thirty-seven years ago we were engaged in an effort to extend medical education a little farther toward the frontier than it had ever been carried before, and the spire of the old medical college was the last on our continent to reflect back the rays of the evening sun. We were convinced that the time had come when another school of medicine should be erected in the valley of the Mississippi, and that Louisville was the place for it. Transylvania had accomplished a great work; but her days were numbered. Lexington, "the Athens of the West," the literary as well as the commercial emporium of this state and of all the surrounding states when the school was founded, afforded no adequate means for clinical or anatomical instruction. The tide was setting against it, and all foresaw that the causes in operation must eventually bear down the school. It was hoped at one time that it might be transferred to Louis-

ville; but this scheme failed, and half the medical faculty, with Dudley, the most influential of them all, at the head, determined to abide its fortunes at Lexington. Louisville seconded our efforts with a noble liberality, and her municipal authorities promptly voted the Medical Institute an appropriation which assured its success.

Still at the outset our prospects were not unclouded, and there were some of our number who were by no means sanguine as to the result. To many outside the faculty the enterprise appeared decidedly unpromising. At Cincinnati were two powerful rivals, the old Ohio Medical College, with a reputation matured by nearly twenty years, and the Cincinnati Medical College, in the hands of Drake, Gross, and others of hardly inferior ability. Transylvania had been reorganized after the disruption of the faculty consequent upon the attempt at removal, and was believed by its friends to be stronger than ever. The citizens of Louisville were not generally hopeful of our immediate success. Almost every day the question was asked me by my friends, "Do you think you will have any students this winter?"

As dean of the faculty it became my duty to assemble the students that had come to the city in advance of the opening of the session, and well do I remember the circumstances of that meeting. It took place in one of the rooms of the old city work-house, on Chestnut Street, near the site of your present college-building, which had been fitted up by the city council for the use of the Medical Institute. The students who had come to aid in the inauguration of the new enterprise were just twenty-five in number. Only a few months before I had been lecturing in Lexington to a class of two hundred and forty-two. The contrast was somewhat trying, but I spoke hopeful words to the young men, all of which have been verified by the event. Before the session closed the class had swelled to eighty, or a little more than half the number of the graduates before me this evening.

The handful of students that I harangued in the lower room of the work-house that October morning in 1837 embraced some men who have since made their mark in the world. Dr. Athon was of the number, who has since been secretary of state for Indiana and filled high offices in his profession. Dr. Bayless, your late accomplished professor of surgery, was there. Dr. Jesse Rodman, who has been chosen more than once by his fellow-citizens to represent them in the legislature of the state, was of the number. Our fellow-citizens, Dr. Foree and Dr. Seaton, who have been themselves since honored teachers of medicine, sat in the little assembly, with others whose names are familiar to the profession of the state.

Of the career of the Medical Institute, or of the University of Louisville, the medical department of which the institute was made by an act of the legislature of Kentucky in 1845, there is no need that I should speak to you at any length. Its growing classes, especially the increasing number of students who return to it or come from other schools to obtain its honors, is the best proof that could be given of the hold it has acquired on the confidence of the profession. I might be indulged, I suppose, in some complacent reflections on the work we accomplished, of which, except my friend Dr. Gross, I alone of all who took part in it during the first twelve years of its existence am spared to take a retrospect. Old men are proverbially addicted to praising past times and things. Nothing appears to them, seen through the haze of age, equal to what they saw and did in their youth or prime of manhood, and you would listen to me with forbearance, I believe, if I should indulge in a little boasting about what the University was in its earlier years. But while I certainly look back with some pride upon that age of the school, I am constrained to say that in my judgment it has lost nothing by time. Its present faculty need not fear a comparison with any former faculty. In ability as teachers, in all that renders medical

teaching attractive and instructive, the University has had none superior to them even in its palmiest days. If they claim to possess less learning than some of my old colleagues, they are better up with the times in their profession, and may well set their array of facts against the speculations which entertained the classes in the University twenty-five years ago.

Thirteen years before I came from Lexington to bear my humble part in the organization of the Medical Institute I had returned to my home in Tennessee from my first course of lectures in that elegant city, and had engaged in the practice of physic under the eye of my father; so that I come before you to-night with the experience of half a century in medicine. The feelings with which I revert to the events of this long term of professional activity are somewhat akin, I can suppose, to the emotions with which an aged mariner looks back from a safe and quiet haven upon the perils and hardships he endured at sea. The sound of the waves is still in his ears. The recollection of his trials stirs his pulse and brightens the decaying gleam in his eyes; but he is only affected by them as he sees his young friends, full of hope and ardor, embarking upon the same stormy sea. I have in the course of these fifty years seen our profession in all its aspects and colors. I have sounded all its depths and all its shoals, and tasted its pleasures and had experience of its discomforts. I have had pleasant association with great and good men in prosperous medical schools, and "drunk delight" such as ambitious young men feel in lecturing to large approving classes, and I know all about the hardships of country practice and the haunts, oftener seen in the city than in the country, "where lonely want retires to die."

And what is the sum of it all? "Vanity and vexation of spirit?" Enough assuredly, but not all. My old friend Dr. Drake once exclaimed to me, when vexed by some professional troubles, "Medical schools have consumed me." My experience of them is more favorable, and upon the whole I

can conscientiously congratulate you on your choice of professions. I have no sympathy with those who continually croak about its standing and its prospects. You will meet with such soon who ill-naturedly will try to put you out of conceit of your noble calling. They will tell you that medicine has lost its former dignity; that doctors are not respected as they were when they sported gold-headed canes. Pointing to what the profession was in that day, they exclaim,

"Into what pit thou seest,
From what height fallen!"

But this is all a mistake. There never was a time in medicine equal in all respects to the present time. Never was there a period in its history when it was so safe, so rational, so scientific, so salutary. Never was it more respectable or so worthy of the confidence of men. In no age was it ever more instinct with a spirit of inquiry or more progressive; and as to its resources, the improvement is immense in our own times. Giants doubtless there were in medicine in the centuries past; but we who now pursue it have the advantage, in respect to time, of standing on their shoulders, and have thus a wider horizon than the tallest of them commanded. If the honored teachers to whom I listened in Lexington, when my friends Dr. Craik and Dr. Holland were students with me, could come back to us, they would wonder at what they saw, and feel that it was necessary to take up the study of medicine afresh. The pains in surgery and in childbirth which they were wont to look upon as inevitable they would find abolished. They would see, as you have seen this winter, operations once frightful because so bloody now performed without the loss of a drop of blood. All their fine theories they would find brushed away; their speculations that appeared so satisfactory supplanted by ascertained science; and the systems to which they were so wedded all gone; but they could not help rejoicing nevertheless at the improved face assumed by medicine since their day.

The profession of medicine is objected to on the ground that it is not remunerative ; that its fees are paid slowly and grudgingly ; and that the young physician has generally to wait so long before he gains public confidence. It has been affirmed that the probationer has often to wait "for a crust until he has no teeth to chew it when it comes." These complaints are of an ancient date, and certainly there is some ground for them. It tries the patience of the young doctor to see his claims so long ignored, and the practice taxes all his patience and powers of endurance when at last he gets it. When doctors wrote in Latin and put their best thoughts in verse one of them sang :

"Three faces wears the doctor: when first sought
An angel's; and a god's, the cure half wrought;
But when, that cure complete, he seeks his fee,
The de'il looks then less terrible than he."

But this libels human nature. Doctor's bills are not paid more tardily than pew-bills, and the merchant and the butcher would find it just as hard to collect theirs if they gave as long credit. We do not remember, when we thus complain, that most of the people in this world are poor people, and to them as a class belongs especially the heritage of disease. Emphatically were the words of the Savior addressed to physicians, "The poor ye have always with you;" and their ability to pay their medical bills is apt to be taken away with the cause which created them. The sickness or casualty that brought the doctor has too often stopped the income of the house, so that when he sends in his bill the family exchequer is found empty. His bill proves to be the one straw more than the camel's back can bear. But as the cup of cold water given in a right spirit is promised its reward, those acts of mercy which pertain to the daily life of a physician may be followed by a higher recompense than gold or silver. The great Boerhaave said, "The poor are my best patients, for God is their pay-master."

The querulous old Dr. Samuel Johnson described medicine as a "melancholy attendance on misery, a mean submission to peevishness, and a continual interruption to pleasure." To my mind it is a recommendation of the medical profession that it brings us into contact with the gentle and the pure of the world, though peevish, rather than with the unprincipled and the abandoned; with sick women and children rather than with rogues and murderers. Doubtless such association fosters a feeling of self-esteem, and may beget a tyrannical temper. Men who measure themselves habitually with others who receive implicitly their opinions and yield without a word to their commands are apt to grow conceited and impatient of contradiction; but this weakness is effectually cured by larger association with men of business and other professions.

It is a grave charge often brought against medicine that its pursuit is not friendly to the Christian faith. I think the allegation is unfounded; or if there be any foundation for it, it grows out of the fact that physicians find in their professional engagements an excuse for neglecting the chief means of confirming a religious faith. Too often "Sunday shines no Sabbath-day" to the physician in laborious practice, and too often the excuse of business is made by others not engaged who have no regard for the day. The truth is not heard and can not exert its legitimate force. That which should convince them is not understood. Whatever may be the other aids to faith, there is nothing like the gospel, which it has been well said "is emphatically its own witness, which shines in the light of its own evidence, and by its proclamation accredits and authenticates itself." The neglect of the church then, and not any thing in medicine, is the cause of infidelity. There is every thing in the practice of medicine—in the scenes of which medical men are constant witnesses—to impress them with the inestimable value of a strong religious belief. And as to the study, I need only remind you of the remark of the old pagan anatomist that the human frame is a perpetual hymn

to the Creator. Medicine, which is the study of nature, ought to conduct up to "nature's God." As a class, it is conceded that physicians have been distinguished for "liberality and dignity of sentiment, and for their readiness to exert a lucrative profession where there was no hope of lucre." Nor have more splendid examples of Christian character been afforded by any other class.

But I am detaining you too long from the pleasure you are expecting in the lecture of my young friend, Professor Palmer. Let me say in conclusion that I hope you are penetrated with a proper sense of the dignity of the profession upon which you are entering. Toilsome, anxious, often irksome and vexatious, always responsible you will find it. But it is worthy of all the respect you can bestow upon it—worthy of your admiration and all your energies. In an age when its curative resources must have been very small, Homer said:

"A wise physician skilled our wounds to heal
Is more than armies to the public weal."

It will give you independence if you pursue it industriously, and social position if you show yourselves worthy of your profession. It opens up to you as a study boundless fields of inquiry, and in its highest problems affords scope for the exercise of all the faculties of your minds. The University expects you to do your duty. Your teachers will all unite with me in the wish that *Iter ad astra* may be written in clear characters over the paths of you all. They expect you to transmit your profession unimpaired in dignity to those who shall come after you.

INTELLECTUAL CULTURE.

BY EDWARD R. PALMER, M. D.,

Professor of Physiology.

When I was notified by the Dean that my turn had come, in the regular order of succession, to speak the faculty farewell to you, gentlemen of the graduating class, I remembered that it is just ten years since I received the medical degree at the hands of the distinguished Mr. Guthrie, so long President of the Board of Trustees of this University. I have never forgotten the exercises and incidents of that evening, and I am quite certain that you will retain a vivid remembrance of this evening of your graduation, freighted as it is with so much of joy and hope for each; joy in the fruition of your scholastic labors, and hope of a future full of honorable usefulness; and well do I know, could the castles your busy minds are now building spring by a magic touch into living, visible realities, they would far outrival in the splendor of their tracery and design the romantic beauties of ancient Venice or the gorgeous wonders of the palace of Aladdin.

Such day-dreams are not unworthy of you at an hour like this. We participate in your happiness, and I but speak the common sentiment of all this great assemblage when I wish for you in your future careers unbounded success and perfect happiness.

To-night marks an epoch not alone in your careers, but in that as well of your Alma Mater. Like human life, hers has had its lights and shadows. Founded when Louisville was yet an infant city, she soon attained a success and renown which attracted the admiration of the entire medical world.

The brightness of her morning splendor was not, however, destined to continue without interruption. A series of unfavorable developments which culminated in our recent war darkened her sky and sorely tried the confidence of her friends. The winter of 1862-63 came and went before her unopened doors. The patron of the art preservative of life hid her abashed face in the presence of an angry host bent upon life's destruction. The following fall a handful of students assembled, and with many misgivings on the part of the faculty lectures were resumed. At the close of that session eighteen of us constituted the graduating class, the smallest class the medical department has ever sent forth. Mr. Guthrie, advanced in years, yet firm in mien and unflinching in speech, addressed us in that impressive style which so well became him. The father of the University and its warmest friend, he had watched its course with unconcealed anxiety; yet even in that its darkest hour he saw the silver lining of the clouds, and prophesied the advent of a refulgent sunlight which would bathe its historic walls with noonday brightness. This day, this hour, witnesses the fulfillment of his prophecy, and we can well imagine his proud satisfaction, were he still living, while contrasting the exit of the few ten years ago with the ovation of this commencement, which ushers through the open portal a class larger than the largest of the olden time, and fully its equal in intellectual worth. With us it is a night for mutual congratulations, and one that can never be forgotten.

Your lives, which have thus far been like rivulets, confined within the narrow bounds of college rule, escape to-night from the old familiar surroundings into the broad expanse of life's vast ocean. With the shore still near at hand you dream of success and home, while the friends and former guides from whom you are now severing are wishing you prosperity and happiness. To-morrow the struggle begins, when dreams must give place to work, and when each must strike out

lustily and persistently among the waves if he expects to keep his head above the breakers.

It has been said that advice is a cheap commodity, and often dear at any price. Notwithstanding this, I am going to preach you a sermon to-night in an advisory strain from
THE EXPERIENCE OF A DECADE IN THE DOCTORATE.

In seizing the reins of the Esculapian steed you are as it were grasping the poles of an electric battery, whose successive shocks will shake almost every tenet of your student faith and threaten you with an absolute skepticism. I trust, however, that you possess a nature that will not falter when the fancies you have builded in student-life fall before the realities of actual practice. You have already discovered that the handsome descriptive plates of your anatomical textbook are quite unlike the actual dissections which your scalpels have made, and what seemed quite simple, viewed by light of text and plate, was soon vested with unexpected difficulties when sought for with the knife; so also in the field of practice will you often strive in vain to fit the text of the book to the language of the sick-couch. You have studied with commendable zeal descriptions of disease and the action of remedies; but you have yet to study the nature of mankind, and learn humanity as well as its diseases. This is particularly the case when we view the totality of a physician's life. Like ordinary life, it is made up of little things. You are not going forth to wage a constant battle against grave diseases. Serious cases will arise now and then, demanding your best medical skill and knowledge; but what will really try your abilities the severest are the little things of daily practice. A patient who is not very ill has both time and inclination to analyze his medical adviser, and you must make up your minds to be probed at such times more skillfully than ever surgeon probed patient.

It is quite often a complaint of the smart young graduate that Dr. —, his neighbor, whose ignorance of medical books

is locally proverbial, has so much practice, while all his knowledge lies idle in the well-filled vaults of memory, waiting in vain for a requisition from the sick. Versed as this young doctor is in the pathology and therapeutics of grave disease, he may now and then teach his senior a valuable lesson; but he will find in return much that is worth knowing in the so-called "hard sense" of his successful though unscientific elder brother.

I do not purpose by this assertion to underrate the valuable knowledge you have thus far gained. Foster it, and be proud of it. But what I wish to impress upon you is that such knowledge forms but one part of all that is required in the superior physician. Moderate success may be won with "hard sense" alone; moderate success may be won with a knowledge of books alone; but both of these must be combined in order to insure that high success to which I trust each of you aspires; and, while the elements of the former must be instinctive with the possessor, they are nevertheless susceptible of a high degree of cultivation. How is this cultivation best advanced?

An eminent philosopher has recently written: "This faith in lesson-books and readings is one of the superstitions of the age. Even as appliances to intellectual culture books are greatly overestimated. Instead of second-hand knowledge being regarded as of less value than first-hand knowledge, and, as knowledge, to be sought only where first-hand knowledge can not be had, it is actually regarded as of greater value. Something gathered from printed pages is supposed to enter into a course of education; but if gathered by observation of life and nature is supposed not thus to enter. Reading is seeing by proxy—is learning indirectly through another man's faculties instead of directly through one's own faculties; and such is the prevailing bias that the indirect learning is thought preferable to the direct learning, and usurps the name of cultivation."

This extract from the writings of one whose views are widely read and accepted serves to show you that wisdom is by no means always found with greatest certainty by reading books. You must bear in mind also in this connection that books supply the reader with one form of mental food, and that intellectual dyspepsia as well as gastric dyspepsia may follow upon injudicious feeding. In supplying the wants of the body, however good a dinner may be, one does not want to eat it all day long, nor by any means does one desire the same dinner every day in the week, still less the month or year. So also of books; you should read something each day—read medicine—but in the name of all that is wise read something else besides medicine; at the same time never neglect to observe and reflect whenever and as often as is possible. The tendency of reading to the neglect of observation and due reflection is greatly to narrow one's mind; and of all men the doctor should cultivate a broad and liberal spirit, sedulously avoiding ruts as dangerous to both his usefulness and happiness. Among the various benefits which a broad and liberal culture is apt to bestow upon man is naturalness—an unconstrained ease of manner. One can not read Hamlet's advice to the players without being struck with the applicability of much of it to the newly-fledged doctor. To be natural is to him every way most desirable. Of all things distasteful to persons of taste nothing is more so than a pompous doctor, whose long scientific terms, solemn airs, and funereal garb, while they may impress the ignorant that he is vastly learned, will with greater certainty inspire young children with dread and sensible grown people with serious doubts as to his ability. Remember always that with cultivated people solemn pomposity usually passes for a cloak to ignorance. An ostentatious mannerism is a very different thing from that easy dignity which intuitively adapts itself to surroundings with a readiness which marks true gentility.

This ease of manner is not the only benefit you will derive from liberal culture. The fund of varied knowledge you have thus stored up may often, when medical skill is uncalled for or of little avail, serve as a power for much good in your hands. In the social circle, where all is health and vivacity, your wit and learning, as they excite the throb and flush of pleasure in others, will excite the throb and flush of happiness in you. Far more in that dreary abode where the hours are as days and monotony rules relentlessly—the chamber of tedious convalescence—can you wield for positive good the power of variety in learning. To the invalid on his couch the quick step on the stair is no longer “the leech’s stealthy tread.” It means to the sufferer a respite from self; it means a respite from a study of the pattern on the wall; and, more than all else, it means a few moments of bright sunshine that will leave behind them hours of blessed twilight. Never fear that such knowledge will make you pedantic. Pedantry is the especial perquisite of the book-worm, while one of the many offspring of varied culture is that nice discernment and large recognition of things, called tact—a most desirable quality, and one which prevents pedantry and like evils, and vests the possessor with more power than any other one attribute he may have.

If then your ambition’s aim is high success, you must combine the observation and study of social life and of nature with the observation and study of disease, and read general literature as well as medical.

In recognition of the truth of part of what I have just said, it has been asserted that the excellence of the English physician is largely due to the fact that travel so uniformly enters as a prominent part into his education; for “travel is the opportunity that best enables man to combine study, thought, and observation.” It is long since I have read a more interesting book than the late Sir Henry Holland’s “Recollections of a Past Life”—a life which abounded in travel. Few

careers have been more enviable in every respect than that of this finished scholar and wise physician.

It can not of course be the good fortune of many of you to travel in foreign parts, but there are leisure seasons in the life of every doctor when he owes it to himself and his patrons to break through the boundaries of his professional circuit, and leaving his medical paraphernalia behind go forth and see what is taking place in the world without. Each year the American Medical Association invites the brethren throughout the states to throw off their medical harness and come together for social enjoyment and an interchange of thought. A week away from home, spent at one of these gatherings, is medicine to the professional man's physical nature and food to his intellectual. In your future life you will never regret a resolution well carried out to snatch each year a short respite from the labors of practice and spend it in travel and sight-seeing.

I have always thought an important part of the student's education while here is contact with and observation of the customs of a large and populous city, and you will bear me witness that I have frequently counseled you not to cling too closely to the grooves of college-life, but to take advantage now and then of the outside opportunities which offer for social and intellectual enjoyment and improvement. In like manner do I advise you to seek often in the future the society of intelligent and cultivated people as one of the surest means for increasing cultivation and refinement in yourselves. To the poet's fancy, when the world was young, man was a sighing hermit till woman smiled, and in the prosaic reality of our day he is far worse than that if he bears not in his nature the impress of her gentleness and her soul. When no call of duty summons to other scenes let the society of the fair and the conversation of the wise be to your admiring eyes and willing ears an oft-sought pleasure.

When you have selected your future harvest-fields, and sit watching for the first sprouting of the seeds of wisdom you

have therein planted, do not be beguiled by the fallacy that a year or two more of unapplied medical reading will make better doctors of you. Thus far you have read with your graduation as an object in view ; from this hour you read with a view to practice, and the sooner and oftener you combat disease the sooner will you become good doctors. It is known that unless physical exercise has some object in view apart from the mere movement of muscles it is devoid of good to the invalid. So in the reading of medicine the doctor must needs have some case in mind as an object if he would derive material benefit from his studies. The objection has been urged that plenty to do debars the young physician from needful reading. That active practice might be used by him as an excuse for such neglect is possible, but that it will actually prevent him from study is not probable. Indeed to my mind nothing will so often and so imperatively send him to his books as the exigencies of practice. Where there is a will to read the way and the time can readily be found, and the busiest physicians of this city to-day are many of them the most assiduous readers, not only of medicine, but of general literature. The study of my illustrious colleague, the Professor of the Science and Practice of Medicine, filled as it is with the latest and best publications of the day, furnishes marked evidence of this notable fact.

I remember when I entered the profession being told again and again that the paucity of my patients was my good fortune, as a blank visiting-list gave an abundance of time for study. It was some years before my time was any thing like occupied among the sick, and I well remember my faithful efforts at systematic reading, and how, after a few months, the whole subject became so monotonous that a distaste for treatises on disease and its remedies took such possession of me that I despaired of ever being a successful doctor, and became almost half convinced that I had mistaken my vocation. Under that cloud I laid my Watson and Stillé aside

and spent much of my leisure time with the best poets, essayists, and fiction-writers of the age. As I remember now the course I took, it is with a pleasure which more than repays me for the serious misgivings I then felt in thus supplementing the course which my seniors had advised. Perhaps it was this experience which has led me to believe in a doctor's being a man of varied learning, and in his cultivating a taste for some improving pursuit or study with which to occupy his leisure hours.

In indicating intellectual recreation for you I can by no means specify a common course for all or a definite course for any one to follow. Each must needs pay due heed to his tastes and opportunities. The vast domain of natural science is open to you, inviting to a study that will not only give pleasing variety to your lives, but at the same time enlarge your minds and improve your understandings. Ask him who in the ripeness of his years looks backward while you are looking forward, the senior Dr. Yandell, if he regrets the hours of rare pleasure spent by him in geologic research, and he will tell you with more weight than I can the real pleasure and benefit to be gained by combining such studies with that of medicine. Ask others, who in the countless fields of animated nature have unveiled its wonders and brought to light its hidden beauties, if they have suffered by such lapses from professional routine and study, and they too will answer in a similar strain. Would that the lamented Bayless were here to speak for the many hours which he spent so happily and so profitably among those "stars of earth's firmament," the beautiful flowers.

I am speaking to men most of whom will live apart from the bustling life of large cities, in regions where spare time is apt to hang idly on one's hands, and I know the nature of the temptations that will at such times beset them. Let me sketch you a picture of one of these temptations, and in contrast with what I have been advising. Each of you can

easily add the finishing touches. It occupies the foreground of a typical village. A country store; before the door a long, low bench, well notched by industrious pen-knives; a broken chair or two on either side; and yonder, standing demurely at the hitch-rail, a saddle-mare, well laden with the household goods for which some worthy dame has just exchanged her last week's churning. In the doorway, leaning against the side, and divested of coat and hat, stands the village merchant, while, deepening the notches in the bench or tilting on the chairs, the village loungers while away the sleepy hours. They smoke and chew and chat and laugh, talk of the news, the latest foal, or the price of corn—good fellows, whom we all like, and whose opinions upon stock-raising and planting are by no means to be lightly estimated. Now and then they slap a well-dressed comrade on the back and familiarly call him "Doc." He is in high favor at the store, a sort of chairman of the gathering. Have you ever seen this picture? Be careful how you make a constant figure in it. You will go there with an eye to business, and will teach yourselves to believe that with the people "good fellow" means "good doctor" also. Guard against such a course and such fancies, however much you may desire to increase your practice. It is easy enough to stop as you pass for a momentary exchange of good-will without becoming a stereotyped member of that little party; and, believe me, the country people, like those in cities, take most pride in a doctor who from his refinement and superior education can find little pleasure in such idle associations. He is expected to be the first man of his neighborhood, and the higher and broader his culture the more is he revered, beloved, and sought after, provided always that the true gentleman is there as well as the scholar. Another picture hardly less objectionable could be drawn by transferring the scene and the actors to the doctor's office. I have known such places that looked more like the card-room of a corner saloon than the habitation of science and

culture, and I urge you to discountenance, from the start, idling in your sanctum. This can be done by you without giving offense, and if commenced early may be accomplished easily. Let me remark here in passing that a well-furnished, well-kept office, one that has an atmosphere of studiousness and cleanliness pervading it, will go far as a legitimate means for increasing your practice. A doctor's office should be something more than a barren room, with a bare floor, few chairs, deal-tables, and dusty slate. Like the dress of woman, it is a gauge of one's taste and culture, and when neat and cozy will exert a sanitary influence upon both the possessor and his patrons. The same principle is true as applied to the doctor's personal appearance. An eminent lawyer, advanced in years, while recounting some of his reminiscences of the law, gave the following instance of the effect which a lawyer's personal appearance has upon clients: "It sometimes occurs," said he, "that a prisoner at the bar presents himself for trial without any counsel, and as the law will not try a man unless he be defended the judge instructs the accused to select counsel from the lawyers who are present. Nine times out of ten he selects the one who is cleanest and best dressed; and," said the lawyer, "ninety-nine times out of a hundred it is a wise choice. In his uneducated wisdom, which the world calls shrewdness, he reasons to himself somewhat after this manner: 'This lawyer is a self-respecting man. He is a man who respects also the requirements of good society. He is a man with a good sense of justice. His dress betokens prosperity. If he were a rich man he would hardly be here; therefore his prosperity is due to his success as a lawyer, and he is successful because he is a man of ability.' Once in a great while the prisoner chooses a lawyer despite his unkempt exterior because he looks wise; but of such he usually reasons in this way: 'This is evidently a smart man, but with his unclean person he probably has unclean morals, or with his ragged coat an eccentric character, and neither of these will

serve me in my necessity.'” The moral of this anecdote applies with even greater force to the doctor who, avoiding dandyism on the one hand and slovenliness on the other, should always present a neat and cleanly exterior to the sensitive sick people who may require his services.

This is, however, somewhat of a digression, though I trust a pardonable one. I was speaking of the doctor as a man of varied learning and refinement.

In the matter of general reading I may perhaps be somewhat more explicit; and first I will say subscribe for one of the excellent weekly newspapers which emanate from our chief cities. A Tribune, a Sun, a World, or a Courier-Journal dropping in once a week will keep you informed with the progress which our globe is making in the various departments of science, art, and learning. The valuable columns of a first-class weekly paper, such as our Courier-Journal, constitute a faithful map of busy life, and will go far toward preventing your falling into a fossil state. In this same direction it will not be amiss for you to take one or more of the reviews or leading scientific periodicals which appear monthly or quarterly, reflecting the ideas of the leading thinkers of the day. Against the trashy, sensational stuff with which the country is too much flooded I can not too forcibly warn you. Such productions, false as they are to life and nature, are debasing in the extreme when read, and I gladly turn from them to suggest such writers as Taine and Ruskin in art; Dana, Tyndall, and Helmholtz in science; Macaulay and Carlyle in essays; Thackeray and Dickens in fiction; and that great world of humanizing, immortal verse, in the past adorned by Shakespeare and Milton, and in the present by Longfellow and Tennyson, not forgetting that school which Hood rendered famous, and which our own Saxe and Holmes to-day so richly grace. These or any of the writers belonging to the classes represented, and whose productions are not deemed unworthy of careful perusal by the best minds

of the day, may well occupy a goodly share of your leisure moments.

These views, partly the result of experience, are also largely due to early associations, and are, I am convinced, not only safe but excellent precepts to inculcate at this time. Whenever my memory reverts to him who was once pre-eminently dear to me—a patient friend, a wise counselor, a loving father—I most frequently think of him as a student and admirer of such authors as I have just named. At such times I love best to picture him as he spent many of his leisure hours with a volume of the immortal novelist of Scotland in his hand, absorbed in the contents of its oft-read pages, and well do I know the rare pleasure he was wont to draw from those matchless tales of feudal times and Scottish chivalry.

The following anecdote is told of the late Lord Jeffrey, who was a fervent admirer of Charles Dickens: One day a lady surprised him sitting in his library, his eyes suffused with tears, and was about to withdraw, when he led her to a seat and said, "Do'n't go; I shall be right again soon." "Have you received bad news?" asked the lady; "is any one dead?" "Yes," said he solemnly, "Little Nell is dead. Are you not sorry?" He had just read the last number then out of the "Old Curiosity Shop."

Who among you would not rather have a soul of kindly sympathy in his nature, ready to respond to the sorrows or the joys of others, than to be a mere machine, with no ideas above pills and potions? And yet the very life you are now about entering will dim every kindlier faculty of your nature if you allow yourselves to narrow down into the bare routine of every-day practice. I am reminded, as I write, of one far nearer to us than Lord Jeffrey, who also found unutterable pleasure in the pages of England's great fiction-writer—the loveliest character and one of the noblest intellects that ever graced the halls of our University with his teachings, or enriched medical literature with the pen—the lamented Bartlett.

In an allegory written by him upon the familiar story of "Hard Times" there appears the following gem, which so befits this occasion that I give it you in full :

"This was the lofty moral of his creed,
That these were man's chief duties : trust in God ;
The doing of his will in serving man
With earnest work and words of kindly cheer ;
Always with work and words, for good, not ill,
Since man is bound to man by subtile bonds
No strength nor craft can sunder or untie,
For help or hurt, for blessing or for bane ;
Hands washed in innocence—the wayward heart
Kept with all diligence ; and a daily life
Unspotted from the world through which it flows."

By no words of my own can I so well indicate to-night the moral element which is necessary in the lofty character of the true physician.

I am well aware that there are those of the profession who differ from me in much that I have said, and who hold that a doctor should give his whole time to his special science if he would master it and attain eminent success. With due deference to this opinion, I make this plea for more varied intellectual cultivation in our ranks, convinced that one of its most certain effects will be not only to make us better and happier as men, but to make better doctors of us, and give a more exalted position to our vocation, which is justly called one of the learned and liberal professions.

On an occasion like this, when but little more than a parting word or two is expected of the speaker, it is manifestly impossible for him to say many things that would otherwise be eminently proper, and it may perhaps appear to you that in speaking of the doctor as a liberal scholar I have neglected giving due prominence to the importance of his being profoundly versed in his own special science. To have told you that your chosen calling must ever stand first with you ; that medical literature in its newest and best forms should be eagerly sought for and carefully studied by you ; that patient

painstaking, care, and watchfulness must ever be unfailing traits of your character; in short, to have told you throughout the hour that your new life will be one of grave responsibilities, demanding untiring mental and physical energies, would have been but a trite recital of what you already know or will quite soon learn. For this reason I have passed these important precepts by, and also because I wished to arouse in you, now in the plasticity of your young manhood, an ambition not by any means incompatible with your great life duties. My colleague, the Dean, in his admirable introductory address of 1872, called your student-life "the novitiate of that true nobility of our times, the aristocracy of intelligence." The true nobility rather of *all* time, and on whose royal roll, mingled with the names of Plato and Galileo, of Göthe and of Newton, shine those of Sydenham and Chomel, of Rush and of Niemeyer. A nobility which, like those by monarchs made, has fought even to death in defense of a cause; but which, unarmed with fire and sword, has ever battled for truth and right against error, superstition, and wrong. Its aim unerringly the elevation of mankind, dispensing true charity with a lavish hand, illuminating the darkness, planing down the rugged places, and bridging over the deep abysses, enlarging its power from age to age, and opening its teeming vaults that a whole world may enjoy the blessings which its wealth bestows—a glorious nobility, whose untainted letters-patent kings can not cancel and wealth can not purchase. It had its cradle among dynasties long since passed away. In the ages of tyranny and oppression its lamp still burned, though hid for the hour in the humble attics of its faithful votaries; but now that growth of national and religious liberty of which it is the father has untrammelled its hands and widened its scope of usefulness. No age, no principles of government have ever existed so favorable to the growth of its power as ours. By education, by history, by all the laws of social life, the physician belongs to this lofty brotherhood of learning. And yet

how few of the profession in this land feel the grand import of this truth! The physician who lowers his calling to the level of ordinary mercenary pursuits rarely amasses wealth, and invariably sacrifices a higher and a purer joy, the joy of being one of the noblemen of letters. He feels so often the littleness of his compensation; he sees so soon the vanity of his hopes; and if he adheres to his calling, does so regretting that he has assumed a life of hardship and small reward. That so many follow this course is not surprising. In a land where money is so universally worshiped we need not wonder if the scholar too prostrates himself at that fane. Such should not, however, be, and the day will surely come here as well as in older lands when the aristocracy of learning will hold undisputed supremacy. In the midst of that engulfing tide of mankind which rolls to-day through every avenue of this fair land, restlessly seeking for wealth, you stand witnesses rather than participants. But in the purer stream which flows from the Pierian fount you may find, if you will, a proper channel for your intellectual training. Never forget then that the diploma which you now hold certifies that you are enrolled in the "aristocracy of intelligence," and let it ever be your proud ambition as you advance in years to advance also in scholarly wisdom, so as days ripen into years and seed-time rolls to harvest-time,

"At the full breasts of wisdom clinging,
Thou 'lt find each day a greater rapture bringing."

But enough; I must close ere you grow restless with delay. The hour of our parting is at hand. On the bosom of yonder swollen Ohio a goodly boat lies waiting to bear a part of your number to the land of sunshine and of flowers.

On the banks of the "Father of Waters," in the balmy air of the gulf, and far and wide through the fertile lands of cotton and of cane,—

Where the orange-groves open their soft golden bloom,
And the spotless magnolia fills the air with perfume;
Where the mild breeze of heaven a rich melody floats
That is trilled by gay songsters in amative notes;

Where the plowman, new turning the rich fallow soil,
Is cheerily whistling, in joy with his toil;
And even the cypress, that emblem of sadness,
Grows green and alive with bright vernal gladness,—

all nature smiles her happy greeting, and anxious hearts are waiting ready to welcome you home. Not less the welcome in keeping for others of your band in the fertile, wide-spreading prairie lands of the West or the rich mineral fields of Pennsylvania and Virginia. The great commonwealth that once nurtured for her country's glory that hero and statesman, the immortal Jackson—east, middle, and west—waits in pride the coming of her sons. Over the river a sister state is ready to rejoice in the new ties that bind her still more closely to old Virginia's proud daughter, while at scores of Kentucky fire-sides busy, loving hands pile higher yet the blazing logs, and spread an old Kentucky welcome for the "boys" who are coming home.

Go, and may joy mingle its sweets with the blessing which your Alma Mater sends with you through life. Go proudly to those who await you. Go bravely to the duties in store for you. Go confident in your power to soothe the brow of pain. Go faithful to her who has trained you and taught you the rudiments of your art. She will not forget you. She will never lose her watchful interest in you. In your prosperity she will rejoice with you, and should reverses befall her strong right arm is ready and willing to sustain you. Her words of parting counsel are those of peace and love. She bids you remember the ties of professional brotherhood; to be slow in thinking evil of a brother, quick to defend, and charitable where fault is manifest. Life has enough asperities without your adding one jot to the burden. Forbearance and charity are the central jewels of earth's richest diadem, and brotherly love is the sum of human perfectness. Farewell!

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I have used one-and-a-half ounces of the Cincho-Quinine, and I think very favorably of its effects. In a case of intermittent fever (the patient from Tennessee), I found it to operate as well and as promptly as sulphate of quinine, without any unpleasant head symptoms. In no case have I discovered any unpleasant cerebral disturbance, as is often found in the use of the quinine.—J. M. ALDRICH, M. D. Fall River, Mass.

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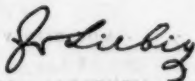
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DOSE.—f. 3 ss.

INFUSION.
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Water, - f. 3 xij.
Mix.
Dose.—f. 3 ij—f. 3 iv.

WINE.
R Fluid Extract, - f. 3 iv.
Sherry Wine, - f. 3 xij.
Mix.
Dose.—f. 3 ij.

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FLUID EXTRACT
ERGOT.
(SECALE CORNUUM.)
DOSE.—10 m to 30 m.

TINCTURE.
R Fluid Extract, - f. 3 iv.
Dilute Alcohol, f. 3 xij.
Mix.
Dose.—f. 3 j—f. 3 ss.

WINE.
R Fluid Extract, - f. 3 ij.
Sherry Wine, - f. 3 xiv.
Mix.
Dose.—f. 3 j—f. 3 ss.

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{ Pv. Aloes Soc., ½ gr. }	40	GENTIAN COMP.	
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Singular as it seems nothing else promotes healthy granulations, nothing else can be tolerated, and yet this acts like a charm.

Both internally and externally I have found it more efficacious than any other medicine that an experience of forty years of devoted practice enables me to select."

Extract from letter of A. H. ARMSTRONG, M. D., Pine Flat, Indiana Co., Pa., Dec. 5, '73.—"I consider the Iodo-Bromide of Calcium Comp., Elixir and Solution, for internal and external use, the most admirable remedies in Scrofulous cases."

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Extract from letter of E. L. FORD, M. D., Chemung, N. Y., Dec. 8, 1873.—"I have found the Elixir of Iodo-Bromide Calcium Comp., one of the most remarkable remedies in a state tending to mortification, to arrest the disease—and intend using it in many cases of a low type."

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Extract from letter of Y. CURTIS PRIEST, M. D. "I have a very unfavorable case of Scrofula which seems to be making rapid improvement under your Elixir Iodo-Bromide Calcium Comp. Indeed the parents of the child think it is working wonders."

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RICHARD D. LEE, Physician of Alms-house, Harford Co., Md., writes: "I have now under treatment and almost cured the worst case of Scrofulous Ulceration I have ever met with. My treatment has consisted in the use of the "Elixir" Iodo-Bromide Calcium Comp.," internally, and the "Solution" of the same as a wash."

Scrofulous Diseases.

Extract from letter of H. A. SPENCER, M. D., Erie Pa.—"I have been using the "Elixir and Solution of Iodo Bromide of Calcium Comp.," and am curing a case of Scrofulous disease of all the glands of the neck, which have resisted all kinds of treatment heretofore adopted. I have also been pleased with the remedy in treating cases of severe Rheumatism. I believe the remedies are good, and should be used by every physician, in those cases where their use is indicated."

Piles and Scrofula.

Dr. ALLEN, Pella, Iowa. "I have used your Elixir Iodo-Bromide Calcium with great success in the cure of Piles and Scrofula."

Scrofulous and Cancerous Tumours.

Extract from letter of Dr. A. D. CRABTREE, 37, Tremont St., Boston, Mass., August 8, 1873.—"I have made the study and treatment of Scrofula and various taints of the blood a special branch of practice during sixteen years, and have ever been on the alert for the best remedies to meet such cases. I have been using the Iodo-Bromide of Calcium Comp., for some months with most remarkable success—and in fact before I knew of your admirable combination, I had used the articles composing the same, with great advantage, in curing scrofulous and cancerous tumours that have long resisted treatment heretofore known."

Scrofulous and Rheumatic Affections.

T. A. BROWN, M. D., Wassail, Dutchess Co., N. Y.—"I know of no remedies more to be relied on in treatment of Scrofulous and Rheumatic affections, than the Elixir and Solution of Iodo-Bromide of Calcium Comp."

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Chronic Rheumatism.

Extract from letter of G. W. MALLOY, M. D., Lowell, Kent Co., Mich., Sept., 25, 1873.—"I have also used your Iodo-Bromide of Calcium Comp., in chronic rheumatism for 41 years standing, and effected a cure in four weeks. The patient used the Elixir internally, and applied the Solution externally."

Elixir Iodo-Bromide Calcium Compound In Cancer.

MESSRS. TILDEN & CO.:

It is with pleasure that I am able to give you very encouraging information concerning the case of *CANCER*, referred to in my previous letter. The case of Mrs. Terressa Augustine, colored, aged 52, a widow, under the care of Dr. O. S. Paine. She first noticed the growth in 1867,—situated in the roof of the mouth, at the arch of the palate, it grew rapidly for nearly a year and was pronounced cancer. In 1868, Dr. Miner in charge of a City Dispensary, skillfully removed it with the knife, holding the patient under an anæsthetic for nearly three hours, it being so difficult to operate without suffocation during the anæsthesia. Dr. Miner attended the patient daily for four months, until the surface healed; with the hope that a radical cure had been effected, however, in a short time it began to grow again from the same fibres, and about two months ago had reached the size of a half hen's egg, nearly filling the mouth. It sloughed and became an open, raw, bleeding, fetid sore, about this time she was admitted to the Hospital. The surface of the sore was as large as a silver dollar; voice lost, or rather could not speak, great debility.

I was invited by Dr. Paine, Surgeon of St. Elizabeth's Hospital, to see this and other cases in their wards. I urged the use of the Iodo-Bromide of Calcium Comp., both Elixir and Solution in this case, citing my success with it. The case had been given up and was regarded hopeless. Dr. Paine kindly accepted the suggestion, and I sent to your House in William St., for these preparations to be sent to the Hospital, and she was at once put upon their use; the diluted Solution as a gargle and the Elixir given internally, a teaspoonful in water three times a day. From that day there has been an appreciable improvement observed, I might say daily. She has now been under this treatment three weeks, *the sloughing surface is entirely healed, no fever; good appetite and sleep; in all respects a remarkable improvement, and to the astonishment of Doctor Paine and myself, there is every prospect of a cure.* The same treatment will be continued, and as this is a case of great interest to the profession, those who desire to do so, are courteously invited to call and see it, at St. Elizabeth's Hospital, 235, West 31 St., Dr. O. S. Paine, Surgeon.

Respectfully Yours,

WALTER M. FLEMING, M. D.

New York, No. 43, 31st St., Dec. 5th, 1873

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A. N. BELL, M. D., Editor.

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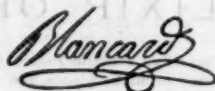
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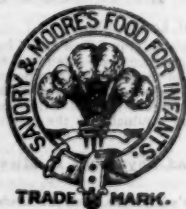
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But one grade of these articles is made here, and that the strictly official article. They are prepared with the greatest care and put up in sealed packages, which may be regarded as our guarantee (see special note on first page) that the contents are of the best character, and will stand any chemical test and any reasonable exposure to which they may be subjected. Hoffman's Anodyne. Per lb. \$2.50.

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This preparation is already familiar to medical practitioners as an efficient and agreeable form for administering the bark. The tonic and anti-intermittent properties of the cinchona barks are well established, and they possess but one drawback in their extreme bitterness. This has been overcome to a great extent in the Elixir Calisaya, which, representing twelve grains of calisaya bark in the fluid ounce, is so combined with other ingredients as to make it an agreeable cordial, acceptable to the most delicate stomach. To persons suffering from dyspepsia, indigestion, general debility from sickness or other causes, etc., it will prove invaluable. It will be found one of the best, and at the same time harmless, preventives for fever and ague to persons exposed to its influence. Per doz. pints, \$9.00.

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This valuable Tonic Elixir combines the remedial properties of five grains of Peruvian bark and two grains pyrophosphate of iron, in each tea-spoonful combined with aromatics. The elegant form in which these tonics are exhibited, freedom from the chalybeate taste of similar preparations, and its permanency will recommend it to physicians and consumers. Per doz. pints, \$9.00.

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This valuable tonic and antiperiodic Elixir contains in each fluid drachm (tea-spoonful) the remedial properties of five grains cinchona calisaya, two grains pyrophosphate iron, and one one-hundredth grain strychnia, with sufficient aromatics to free it from the chalybeate taste common in similar preparations, which, with its permanency, will recommend it to both physician and consumer.

To persons suffering from nervous prostration, symptoms of paralysis, anæmia, arising from diseases peculiar to females, or general debility from any cause whatever, it will commend itself as a general therapeutic agent. It also forms one of the most effective remedies ever used to prevent the recurrence of intermittent attacks when the chill is broken. Per doz. pints, \$9.00.

The Practitioner Advertiser.

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Each fluid drachm (tea-spoonful) of this valuable tonic and antiperiodic contains the remedial properties of five grains cinchona calisaya bark with two grains of pyrophosphate iron, two grains ammonia citrate bismuth, and one one-hundredth grain strychnine with aromatics.

To persons suffering from nervous prostration, intermittent attacks, symptoms of paralysis, anemia arising from diseases peculiar to females or general debility, when complicated with dyspepsia, irritable condition of the stomach and bowels, diarrhea, etc., this Elixir will commend itself as a valuable therapeutic agent. It is especially valuable as an antiperiodic to prevent the return of intermittent attacks when once broken. Per doz. pints, \$9.00.

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A powerful general tonic, stomachic, readily-assimilable chalybeate, well adapted to certain chlorotic and anæmic states, used in morbid conditions of the nervous system, chronic diseases of the kidneys, many forms of cutaneous diseases where a tonic effect is desired, and in cases of strumous children threatened with scrofulous degeneration, and ultimately with localized tubercular development. One grain of phosphate iron, one grain phosphate quinia, and one thirty-second grain phosphate strychnia to the drachm (tea-spoonful) of syrup. Per doz. lbs. \$15.00.

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	" Saponis, 2 grs. }	40	1 75
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	Aloes Socot., 2-3 gr. }	50	2 25
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	Assafoetida, " " }	40	1 75
U. S. P., {	Pulv. Saponis, " " }		
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	U. S. P. " Myrrhe, 1 " }	50	2 25
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aid of improved machinery, I am enabled to make Pills math-
ematically correct in size and sphericity, and my process
(alone employed by me) in coating, whereby the use of gums
and resins is discarded, and the pills enveloped in a coating
of pure sugar, thereby ensuring solubility and elegance.

Special and prompt attention given to the manufacture of
private Formulas for Pills, in lots of not less than three thou-
sand each. As we have more than usual facilities for manu-
facturing pills, parties can rely always upon getting any pri-
vate Formulas entrusted to our care, promptly. All such
receipts are strictly confidential.

W. J. M. Gordon's Price List of Sugar-Coated Pills.

	Bottles of 100	500
AMMON. BROMID, 1 gr.....	75	3 50
AMMON VALERIANATE, 1 gr.....	1 50	7 25
ANDERSON'S SCOTS, { Pulv. Aloes Socot., 1 gr		
" Sapon, Hispan., 1-8 gr	40	1 75
" Fruct. Colocyn., 1-2 gr		
" Gambogiae, 1-4 gr		
" Oleum Anisi., 1-8 gr		
ANTI-BILIOUS, { Pulv. Ext. Coloc. C. 21-2 grs.	60	2 75
(Vegetable) { Podophyllin, 1-4 gr.		
" Strychnine, 1-40 gr.		
" Ext. Belladonnae, 1-10 "		
ANTI-DYSPEPTIC, { Pulv. Ipecac., 1 "	1 00	4 75
" Mass. Hydrarg., 2 "		
" Ext. Coloc. Co., 2 "		
ANTI-CHILL, { Chinoidine, 1 gr.		
" Ferri Ferrocyan., 2 grs.	1 20	5 75
" Ol. Piper Nig., 1 gr.		
" Arsenic, 1-20 gr.		
ANTI-EPILEPTIC, { Iron Hydrocyanate, 1-2 gr.		
3 grs. { Valerianate Quinine, 1 "	6 00	29 75
" Zinc, 1 "		
" Ext. Valerian., 1 "		
" Quinine Sulph., 1 gr.		
" Ferri Sul. Exs., 1-4 "		
ANTI-MALARIAL, { Ol. Res. Pip. Nig., 1-10 "	2 25	11 00
(McCaw) { Ac. Arsenics., 1-80 "		
" Gelsemin., 1-4 "		
" Podophyllin, 1-8 "		
ANTIMONI COMP., { Calomel		
U. S. P., (Pil. Calo- { Oxy Sulph. Antimony, 1	40	1 75
mel Comp.) { Guaiacum Resin, 1		
ANTHELMINTIC, { Santonin, 1	1 00	4 75
" Calomel, aa, 1 gr.		
" Cinchona Sulph., 1 gr.		
" Ferri Sulph. Exs., 1 "		
ANTIPERIODIC, { Ext. Quassia, 1-2 "	1 00	4 75
" Rhei., 1-4 "		
" Pulv. Myrrhae, 2-3 "		
APERIENT..... { Ext. Nux. Vomica, 1-3 gr.		
" Hyoscyam., 1-2 "	90	4 25
" Coloc. Comp., 2 "		
" Pulv. Rhei., 1 1-4 gr.		
" Aloe. Socot., 1 1-4 "		
" Drysdale's { " Ipecac., 5-12 "	60	2 75
" Nuc. Vomica, 1-2 "		
" Ext. Coloc. Co., 1/2 gr.		
" MILD..... { Pulv. Rhei., 2 "	50	2 25
" Ext. Hyoscyami, 1-6 "		
" Ol. Carl., 1 "		
APOCYNUM, 2 grs.....	70	3 25
ASAFOETIDA, U. S. P.....	40	1 75
" 2 grs.....	40	1 75
" COMP..... { Asafoetida, 2 grs.	40	1 75
" Ferri Sulph. Ex., 1 "		
" Asafoetida, 1 gr.		
" et RHEI..... { Pulv. Rhei., 1 "	75	3 50
" Ferrum per Hyd., 1 "		
ATROPIA, 1-60 gr.....	75	3 50
BALLOU..... { Ext. Col. Comp., 1 gr.		
" Jalapa, 1 "	75	3 50
" Hyd'g. Chlor. Mit., 1 "		
" Pulv. Ipecac., 1-8 "		
BELLADONNA EXT. (Eag.), 1/4 gr.....	40	1 75
" 1/2 gr.....	40	1 75
" 1 gr.....	60	2 75
BISMUTH SUB. CARB., 3 grs.....	75	3 50
" SUB-NIT. 3 grs.....	75	3 50
BISMUTH et NUX. { Bismuth Sub. Carb. 4 grs.		
" VOMICA, 1 Ext. Nux. Vomica, 1/4 "	1 50	7 25
" and NUX VOM. { Bismuth Subnit., 5 grs.	1 50	7 25
" Ext. Nux Vom., 1/2 "		
" and IGNATIA..... { Bismuth Sub-Carb., 4 grs.	1 50	7 25
" Ext. Ignatia Amara, 1/4 "		
CAFFEIN CITRAT., 1 gr.....	4 50	22 25
CALOMEL, 1-2 gr., 1 gr., 2 grs., 3 grs.....	40	1 75
" 5 grs.....	50	2 25
" COMP., { Calomel		
(Plummer's) { Oxy Sulph. Antimony, 1	40	1 75
3 grs. { Guaiacum Resin, 1		
" et IPECAC. COMP. { Calomel, 1 gr.		
" Pow'd. Ipecac. Comp., 3 1-3 "	50	2 25
" Ext. Gentiana, q. s.		

On receipt of TEN DOLLARS I will send to Physicians, Express Freight Prepaid, as follows:

SUGAR COATED PILLS, FLUID EXTRACTS, AND RESINOIDS.

As the purchaser may select, at List Price, amounting to \$15.00 I make this liberal offer as an inducement for those who have not used my articles to give them a trial. A complete Price Current and Dose Book furnished on application. Pills sent by Mail in quantities not over 12 ounces.

W. J. M. Gordon's Price List of Sugar-Coated Pills.

		Bottles of 100	500
CALOMEL et OPIU	{ Calomel, 2 grs. } Opium, 1 " }	1 00	4 75
CALOMEL et RHEI	{ Calomel, 1-3 gr. Ext. Rhei, 1-2 " } " Coloc. Co., 1-2 " } " Hyocyanin, 1-6 " }	75	3 50
CAMPHOR et HYOS-	{ Gum Camphor, 1 gr. CYAMUS. Ext. Hyos. Eng. 1 " }	50	2 25
CAMPHOR COMP.	{ Gum Camphor, 1 gr. 3 grs. Powd. Kino, 1 " } Powd. Opium, 1 " }	90	4 25
CANNABIS INDICA	EXT., 1/4 gr.....	60	2 75
CATHARTIC COMP.	{ Ext. Coloc. Comp., 1 1/2 gr..... " Jalape, 1 " } Calomel, 1 " }	60	2 75
U. S. P.	{ Pulv. Gambogiae, 2-9 " } Ext. Coloc. Simp., 1-3 " } Podophyllin, 1-4 " } " (Vegetable).. Pulv. Res. Scam., 1-3 " } " Aloes Socot. 1 1-4 " } Cardamomi, 1-9 " } Saponis, 1-3 " }	60	2 75
CATHARTIC COMP.	{ Ext. Coloc. Comp. 1 " gr..... " Jalape, 1 " } Podophyllin, 1/2 " }	60	2 75
U. S. P., (Improved).	{ Ext. Hyocyanus, 1/2 " } Gentiane, 1/2 " }		
3 grs.	Ol. Menth. Pip., 1/2 " }		
CAULOPHYLIN, 1-10 gr.....		40	1 75
CERRI OXALAS, 1 gr.....		1 00	4 75
CHAPMAN'S DINNER PILLS,	{ Pulv. Aloes Soc., } " Rhei Opt., }	80	2 75
	Gum Mastich, 1/2 " }		
CHINOIDIN, 1 gr.....		40	1 75
" 2 grs.....		50	2 25
" Comp.	{ Chinoidin, 2 grs. } Ferri Sulph. Exsic., 1 gr. } (Oleo-resin, Pip.N. 1/2 gr.) }	1 00	4 75
CHIRETTA, EXT., 3 grs.....		1 50	7 25
CIMICIFUGEN, 1 gr.....		40	1 75
CINCHONA SULPHATE, 3 grs.....		1 00	4 75
CINCHON. SULPH., 1 1/2 grs.....		75	3 50
	{ Res. Scammony Pure, 1 gr. } Pulv. Aloe Socot., 1 1/2 " }		
COCCIA	{ Colocynth, 1/2 " } Potass. Sulph., 1/2 " }	90	4 25
	Ol. Caryoph., 1/2 " }		
CODIA, 1-16 gr.....		3 05	15 00
COLACYNTHIDIS COMP., 3 grs. (Extract Colocynth		80	3 75
Comp., U. S. P.			
COLOCYNTH et	{ Pulv. Ext. Coloc. Comp., 2 grs. }	75	3 50
HYDRARG et	{ Pil. Hydarg.....2 grs. }		
IPECAC.	{ Pulv. Ipecac.....1-6 gr. }		
COLOCYNTH et	{ Ext. Col. Co. 2 1/2 grs. }	75	3 50
HYOSCYAMUS	{ Ext. Hyoscyamus 1 1/2 " }		
	{ Pulv. Aloes Soc., 1 gr. } " Rhei, 1 gr. }		
COOK'S, 3 grs.	{ Calomel, 1/2 gr. } Sapon. Hispan., 1/2 gr. }	50	2 25
COPAIBE, U. S. P., 3 gr.....		50	2 25
" Comp.,	{ Pil. Copaiab..... } Resin Guaiac..... } Ferri Cit..... }	80	3 75
	Oleo-Resin, Cubebe..... }		
" et Ext. Cubebe, { Pil. Copaiab, 1 gr. }		80	3 75
	Oleo-Resin Cubebe, 1 gr. }		
CORROSIVE SUBLIMATE, 1-12, 1-20, 1-30 and 1-40 grs.		40	1 75
DIGITALIN, 1-60 gr.....		75	3 50
DIGITALIS COMP.,	{ Pulv. Digital. Eng., 1 gr. } " Scilla, 1 " }	50	2 25
	{ Potass. Nit., 2 " }		
DIURETIC,	{ Sapo Hispan. Pulv. 2 grs. } Sode Carb. Exsic., 2 grs. }	50	2 25
	{ Ol. Baccæ Junip. 1 drop. }		
DUPUYTREN,	{ Pulv. Guaiac, 3 grs. } Hydg. Chlor. Corros., 1-10 gr. }	50	2 25
	Pulv. Opi., 1/2 gr. }		
ELATERIUM (Clutterbuck's), 1-10 gr.....		1 00	4 75
EMMENAGOGUE,	{ Ferri Sulph., 1 1/2 gr. } Aloe Socot. Pulv., 1/2 " }	40	1 75
(Mutter)	Terebinth Ath., 1 1/2 " }		

From the Lancet and Observer, Cincinnati —
 "Practical Chemistry, so far as the preparation of standard drugs is implied, is being carried to a very high state of perfection in this city. For example, we recently visited the Laboratory of W. J. M. Gordon, and studied all its various arrangements and plans for manufacturing Chemicals. Mr. Gordon makes vast quantities of Glycerin, and to show the great change which is going on in many of these matters, we simply remark that Mr. Gordon pays over \$..... a year to one house in this city for refuse material for the manufacture of Glycerin, which formerly went out into the city sewers. So much for utilizing the waste products. In this Laboratory we also found attractive processes under full headway for the manufacture of Bromide of Potash, Hyd. Chloral and other Chemicals in particular-demand. Physicians and Druggists from the country may find it worth while to look through this Laboratory and see what is doing. The proprietor will gladly make them welcome, and explain the details of his work."

W. J. M. Gordon's Price List of Sugar-Coated Pills.

EMMENAGOGUE,	Ergotine, 1 gr.	Bottles of 100	50
	Ext. Hellabore Nig. 1 gr.		
	Aloes, 1 gr.	1 40	6 75
	Ferri Sul. 1 gr.		
	Ol. Sabina, 1/2 gr.		
FEL., BOVINUM,	Os gall, 2 grs.		
FERRI (Quevenne's),	Powd. Jam. Ginger, 1 gr.	50	2 25
"	" 2 grs.	50	2 25
"	" 3 grs.	75	3 50
"	CARB. (Vallett's), U. S. P., 3 grs.	40	1 75
"	CITRATE, 2 grs.	50	2 25
"	COMP., U. S. P.,	40	1 75
FERRI FERROCYANID.,	3 grs.	50	2 25
"	IODID., 1 gr.	65	3 00
"	LACTAT., 1 gr.	50	2 25
"	PYROPHOSPHATE, 1 gr.	40	1 75
"	SULPH. EXSICCAT., 2 grs.	40	1 75
"	VALER., 1 gr.	1 00	4 75
FERRI ET QUAS.	Ferret Hydrogen, 1 1/2 grs.		
et Nuc. Vom.	Ext. Quassia, 1 gr.	75	3 50
	Nux Vom., 1/2 gr.		
FERRI ET QUINLE CIT.,	Pulv. Saponis, 1/2 gr.	75	3 50
"	" 2 grs.	40	6 75
"	ET STRYCHNIE, (Strychnia, 1-60 gr.)	75	3 50
"	et STRYCHNIE CIT., (Ferri Cit., 1 gr.)	75	3 50
GALBANIA COMP., U. S. P.,	(Galbanum, 11-2 gr.)	50	2 25
	(Assafetida, 11-2 ")		
GAMBOGLE COMP.	Pulv. Gambogia		
"	Aloes Socot.,	40	1 75
"	Zingib. Jam.,		
"	Saponis,		
GENTIAN COMP.,	Ext. Gentian, 2-3 grs.		
"	Aloes Socot., 2-3 "	50	2 25
"	Pulv. Rheu., 1-3 "		
"	Ol. Carui., 1-6 "		
GOSORRHICE,	Pulv. Cubebs, 2 grs.		
"	Bals. Copaiba Solid., 1 "	60	2 75
"	Ferri Sulph. Exsic., 1-2 "		
"	Terebinth, Venet., 11-2 "		
GELSEMIN, 1-10 gr.		40	1 75
" 1-5 gr.		50	2 25
HELONIN, 1-10 gr.		50	2 25
HEPATICA, (Ext. Colocynth Comp., 1 ")		90	4 25
"	Hyoscyami, 1 "		
"	Aloes Socot.,		
HOOPER (Female	Ferri Sulph. Exsic.,		
Pills), 21-2 grs.	Ext. Hellenor,	40	1 75
"	" Saponis,		
"	" Canelle,		
"	Zingib. Jam.		
HYDRARGYRI, U. S. P., 3 grs.		40	1 75
"	HYDRARGYRI, 5 grs.	50	2 25
"	COMP., (Mass. Hydrarg., 1 gr.)		
"	" (Pulv. Opil., 1-2 gr.)	90	4 25
"	" (Ipecac., 1-4 ")		
"	IODIDE, 1-4 gr.	40	1 75
"	" 1-2 gr.	50	2 00
"	RUB., 1-16 gr.	40	1 75
"	IOD. et OPIL., (Hyd'g. Iodid., 1 gr.)	75	3 50
"	(Ricord's) Pulv. Opil., 1-3 "		
HYOSCYAMUS EXT. (Eng.) 1-2 gr.		40	1 75
IGNATIE AMARE EXT., 1-4 gr.		50	2 25
IPEACAC et OPIL. (Pulv. Doveri, U. S. P.) 3 1-3 grs.		50	2 25
"	" 5 grs.	65	3 00
IODOPERM., 1 gr.		1 00	7 75
"	at FERRI, (Ferrum per Hydrogen, 1 gr.)	2 00	9 75
"	" (Iodoform, 1-4 gr.)		
IRISIN COMP.,	Podophyllin, 1-10 "	50	2 25
"	(Strychnia, 1-40 ")		
LEPTAND. COMP.,	Leptandrin, 1 gr.		
"	Trisin, 1/2 "	1 00	4 75
"	Podophyllin, 1/2 "		
LEPTANDRIN, 1-5 gr.		40	1 75
"	1-4 gr.	40	1 75
"	1-2 gr.	50	2 25
"	1 gr.	75	3 50

From Prof. John King, Editor American Eclectic Dispensatory, King's American Practice, &c.

"For the last five or six years I have made use of a considerable quantity of Glycerin manufactured by W. J. M. Gordon, of this city, for medicinal purposes, and I have no reason whatever for complaint, as it has in every instance answered the purpose admirably. I have likewise used in my practice the leading Eclectic preparations manufactured by him, as Resin of Mandrake or Podophyllin, Leptandrin, Iridin, Aletrin, Alcoholic Extracts of Black Cohosh, as well as several Fluid Extracts, and have been much pleased with their actions, as they have invariably fulfilled the indications for which they are prescribed. I therefore take great pleasure and satisfaction in recommending Mr. Gordon to the Eclectic profession as one among our many excellent manufacturers whose preparations may be relied upon."

JOHN KING, M. D.

[Signed.]

W. J. M. Gordon's Price List of Sugar-Coated Pills.

		Bottles of 100 500	
LUPULIN, 3 grs.		40	1 75
MACROTIN, 1-10 grs.		40	1 75
MAGNESLE et RHEI, [1 gr. each]		40	1 75
MORPHIA ACET., 1-8 gr.		70	3 25
" SULPHATE 1-20 gr.		40	1 75
" " 1-10 gr.		60	2 75
" " 1-8 gr.		70	3 25
" " 1-6 gr.		80	3 75
" " 1-4 gr.		1 00	4 75
" VALERIAN., 1-8 gr.		1 00	4 75
MORPHIE COMP.	{ Morph. Sulph., 1-4 gr. } Ant. et Pot. Tart., 1-4 " (Calomel, 1-4 "	1 50	7 25
NEURALGIC.	{ Quinine Sulph., 2 grs. } Morphia Sulph., 1-20 " Strychnia, 1-30 "	3 00	14 75
Prof. S. D. Gross	{ Acid Arsenious, 1-20 " Ext. Aconiti, 1-2 "	3 00	14 75
" [Gross], without Morphia.		3 00	14 75
NEURALGIC, IDIOPATH.	{ Ext. Hyoscyam., 2 grs. } Conii, 2 " Ignat. Am., 2 " Opil., 2 " Aconiti, 2 " Cannab. Ind., 2 " Stramon., 1-5 " Belladonna, 1-6 "	2 00	9 75
NUC. VOMICA EXT., 1-4 gr.		40	1 75
" 1-2 gr.		40	1 75
OPIL, U. S. P., 1 gr.		75	3 50
" et CAMPHORE	{ Pulv. Opil., 1 gr. } Camphore, 2 "	1 00	4 75
" et CAMPH. et TANNIN.	{ Pulv. Opil., 1-4 gr. } Camphore, 1 " Acid Tannic, 2 grs.	1 00	4 75
" et PLUMBI ACET.	{ Pulv. Opil., 1-2 gr. } Plumbi Acet., 11-2 grs.	75	3 50
PHOSPHORUS, 1-50 gr.		1 00	4 75
" COMP.	{ Phosphorus, 1-50 gr. } Ext. Nux Vom., 1-4 "	1 25	6 00
PHOSPHORUS, (Phosphorus, 1-100 gr.)		1 75	8 50
IRON & NUX. VOMICA.	{ Ferri Carb. (Vallet's) 1 " Ext. Nux Vomica, 1/2 "	1 75	8 50
PODOPHYLLIN, 1-10 gr.		40	1 75
" 1-4 gr.		40	1 75
PODOPHYLLIN, 1-2 gr.		50	2 25
" 1 gr.		75	3 50
PODOPHYLLIN COMP.,	{ Podophyllin, 1-2 gr. } Ext. Hyoscyami, 1-8 " Nuc. Vom., 1-16 "	75	3 50
PODOPHYLLIN COMP. (Eclectic.)	{ Podophyllin, 1/2 gr. } Leptandrin, 1-16 " Juglandin, 1-16 " Macrotin, 1-32 " Ol. Capsici, 1 "	75	3 50
PODOPHYLLIN et BELLADONNA.	{ Podophyllin, 1/2 gr. } Ext. Bellad., 1/2 " Ol. Res. Capsici, 1 " Sacchari Lact., 1 "	75	3 50
PODOPHYLLIN et HYOSCYAMUS.	{ Podophyllin, 1/2 gr. } Ext. Hyoscyamus, as 1/2 gr.	60	2 75
" et HYDRARG.	{ Podophyllin, 1-4 gr. } Pil. Hydrarg., 2 "	50	2 25
POTASS. BROMID., 1 gr.		75	3 50
" 5 grs.		1 25	6 00
" IODID., 2 grs.		85	4 00
" FERMANG. CRYST., 1-5 gr.		50	2 25
QUINE SULPH., 1 gr.		85	4 00
" 2 grs.		1 40	6 75
" 3 grs.		2 75	13 50
" 4 grs.		4 00	19 75
" VALERIANATE, 1-2 gr.		9 75	47 25
" 1 gr.		3 50	17 25
" COMP.	{ Quinine Sulph., 1 gr. } Ferri per Hydrogen, 1 " Acid. Arsenious, 1-60 "	1 75	8 50
QUINIE et COLO.	{ Quinine Sulph., 1 " } Ext. Col. Comp., 1 "	2 25	11 00
CYNTH. COMP.	{ Ignat. Amar., 1-2 " } Piperine, 1-2 " Morph. Sulph., 1-12 "	2 25	11 00
QUINIE et EXT. BELLADONNE.	{ Quinine Sulph., 1 gr. } Ext. Belladon., 1-4 "	1 75	8 50

From the Chicago Price Current and Chemical Repository:—Prof. H. D. Garrison, Editor.

" A few weeks ago we had the pleasure of visiting the large manufacturing establishment of W. J. M. Gordon, of Cincinnati. Mr. Gordon, long noted as the leading manufacturer of Glycerin in this country, is producing a perfectly odorless, colorless, concentrated and absolutely chemically pure Glycerin, all of which he warrants, and we must say that the specimen shown us, which was taken from the common stock as it flowed from the still, fully corroborates his statement. We can not conceive any good reason for importing Glycerin, much of which is very impure, when so perfect an article is produced by our neighbor, and offered at prices far below what an imported brand can be sold for of the same quality."

W. J. M. Gordon's Price List of Sugar-Coated Pills.

		Bottles of 100	500
QUINIE et FERRI	{ Quiniae Sulph., 1 gr.		
CARB.	{ Ferri Carb. (Vallet's), 2 grs.	1 75	8 50
	{ Quiniae Sulph., 1 gr.		
" et FERRI FER-	{ Ferri Ferrocy., 1 gr.		
ROCYAN.,	{ Oleo-Res. Capsici, 1-20 "	2 25	11 00
	{ Gelsemin., 1-20 "		
	{ Podophyllin, 1-20 "		
	{ Strychnia, 1-60 "		
QUINIE et FERRI	{ Quin. Sulph., 1 gr.	1 75	8 50
	{ Ferrum per Hydrogen., 1 "		
QUINIE et FER-	{ Quiniae Sulph., 1 gr.		
RI LACT.	{ Ext. Ignati Amar., 1/2 "	1 75	8 50
COMP.	{ Ferri Lactat., 1 gr.		
" et FER. et	{ Quiniae Sulph., 1 gr.		
STRYCH-	{ Ferri Carb. (Vallet's), 2 grs.	1 75	8 50
NIE.	{ Strych. Sulph., 1-60 "		
QUINIE et FERRI	{ Phos. Quiniae, 1 gr.		
et STRYCH	{ Iron, 1 "	1 75	8 50
PHOS.	{ Strych. 1-60 "		
QUINIE. IO-	{ Iodoform, 1 gr.		
DOFORM &	{ Ferri Carb. (Vallet's) 2 "	3 00	14 75
IRON.	{ Quiniae Sulph., 1/2 "		
Quiniae, Valerianate,	1/2 gr.	2 00	9 75
" et FERRIVALER.	2 grs.	17 25	
" et HY-	{ Quiniae Sulph., 1 gr.		
DRAEG.	{ Mass. Hydrarg., 2 "	1 75	8 50
" et STRYCHNIA,	{ Quin. Sulph. 1 gr.		
" et STRYCHNIA,	{ Strychnia, 1-60 "	1 75	8 50
" et ZINCI. VALER.	{ Quin. Valer. 1 gr.		
" et ZINCI. VALER.	{ Zinci. Valer. 1 "	4 00	19 75
RHEI, U. S. P.,	{ Pulv. Rhei, 3 grs.		
"	{ Saponis, 1 gr.	75	3 50
RHEI, COMP., U. S. P.	{ Pulv. Rhei, 2 grs.		
"	{ Aloes Socot, 1 1/2 grs.	75	3 50
"	{ Myrrh, 1 gr.		
" et HYDRAEG.	{ Ol. Menth Pip., 1 gr.		
"	{ Pulv. Rhei, 4 grs.	80	4 75
"	{ Mass. Hydrarg., 4 grs.		
"	{ Soda Carb. Ex., 1 gr.	1 00	4 75
SANTONIN, 1 gr.			
RHEUMATIC,	{ Ext. Coloc. Co. 1 1/2 gr.		
"	{ Colchi Acet., 1 "	90	4 25
"	{ Hyosciami, 1/2 "		
"	{ Hyd. Chlor. Mit., 1/2 "		
SCILLE COMP., U. S. P.,	{ Pulv. Scilla, 1/2 gr.		
"	{ Zin. Jannaica, 1 "	50	2 25
"	{ Gum Ammoniac, 1 "		
"	{ Pulv. Saponis, 1 1/2 "		
SILVER NITRATE, 1-4 gr.		75	3 50
STOMACHICÆ (Lady	{ Pulv. Aloes Socot., }		
Webster's Dinner	{ Gum Mastich., }	50	2 25
Pills), 3 grs.	{ Flor. Rose., }		
STRYCHNIE, 1-20, 1-30, 1-40, 1-50, 1-60 gr.		40	1 75
SYPHILITIC.	{ Potass. Iodid., 2 1-2 grs.	1 00	4 75
"	{ Hyd'g. Chlor. Cor., 1-40 "		
TART. EMETIC, 1-20, 1-10, 1-4 gr.		40	1 75
TRILLIN, 1-10 gr.		50	2 25
TRIPLEX, { Pil. Hydrarg., 1 gr.			
"	{ Podophyllin, 1/2 "	75	3 50
VERATRIA SULPHATE, 1-12 gr.		50	2 25
ZINCI VALERIANATE, 1 gr.		1 00	4 75

Comp. Cathartic, and all leading Pills furnished by the pound or in bulk.

Pills will be made to order from special recipes, when ordered in lots of not less than 3,000 at one time. Any physician having a favorite recipe will find this a great saving of time, and at a less cost than they can make them themselves.

All recipes strictly confidential. Pills sent by mail with perfect safety.

Cincinnati, Sept. 29, 1873.

To the Committee of Awards, Cin. Ind. Exposition:

We, the undersigned, Judges in Class No. 57, (Pharmaceutical Preparations,) would recommend that a special premium be awarded to Mr. W. J. M. Gordon for Sugar Coated Pills, and for the following reasons: That it is a new branch of Pharmaceutical manufacture in the West, and the articles on exhibition are excellent of their kind, and a manufactory of importance to the trade of the city.

E. S. WAYNE, J. S. UNZIKER, Judges.

From New York Druggists' Price Current, April 19, 1871:

"For some time past our attention has been called to the Pure Inodorous Glycerin of W. J. M. Gordon, of Cincinnati, and having obtained a bottle of the same from parties who did not know our object, we have submitted Mr. Gordon's Glycerin to several tests, and are happy to state that his Glycerin is, in every particular what Mr. G. claims—a pure and inodorous article, which we heartily recommend to the trade."

From Chicago Medical Times:—

"As a manufacturer of Glycerin, Gordon is known throughout the civilized world. His Pure Glycerin we regard equal to any made. He is now turning out very handsome Sugar Coated Pills, as well as many other Pharmaceutical preparations. An immense stock of Botanic goods is a comparatively recent feature in his trade."

W. J. M. GORDON'S FLUID EXTRACTS.

These Fluid Extracts are put up in pint bottles (for which there is no extra charge.) Each fluid ounce of the Fluid Extract represents one Troy ounce of the crude material, except when otherwise ordered by the U. S. Pharmacopœia. They are warranted to be made from selected drugs, which, together with the great care exercised in their manufacture, entitles them to the confidence of Physicians and Druggists as being superior preparations, containing the entire medicinal property of the substances from which they are made.

	Per Pint.		
Aconite Leaves, <i>Aconitum Napellus</i>	1 75	Cinchona Aromat.....	3 00
" Root.....	1 50	Cinnamon Bark, "Ceylon," <i>Cassia</i>	4 00
Agrimony, <i>Agrimonia Eup</i>	2 00	Cinchona, Cal. U. S. P.....	4 00
Aletris, <i>Aletris Far</i>	1 50	Comp.....	2 50
Aloes.....	1 50	Pallad.....	2 50
Ampelopsis, <i>Ampelopsis Quina</i>	1 50	Rub.....	4 00
Am. Valerian, Ladies' Slipper, <i>Cypripedium</i>	2 00	Cloves, <i>Caryophyllus Arom</i>	2 00
Amer., Valerian, Valerian Off.....	2 00	Clover Heads, <i>T. folium Pratense</i>	1 50
Allspice, <i>Eugenia Pimenta</i>	1 75	Cleavers, <i>Gallium</i>	1 25
Angelica Root, <i>Angelica</i>	1 25	Cochineal, <i>Coccus Cacti</i>	4 00
Apple-tree Bark, <i>Pyrus Malus</i>	1 50	Colchicum Root, <i>Colchicum Autumnale</i>	2 00
Angustura Bark, <i>Gilepia Off</i>	1 75	Colchicum Seed, <i>Colchicum Autumnale</i>	2 50
Arnica, <i>Arnica Montana</i>	1 50	Collinsonia, <i>Collinsonia Can.</i>	1 75
Arnica Root.....	2 25	Colocynth, <i>Colocynthis</i>	2 25
Anise Seed, <i>Fennipinella Anisum</i>	1 75	Colocynth Com.....	2 25
Asparagus, <i>Asparagus Offe</i>	1 25	Columbo, <i>Cocculus Palmatus</i>	2 25
Avena Root, <i>Germ Rivale</i>	1 25	Amer., <i>Fraseria</i>	1 75
Balm, Sweet, <i>Medica</i>	1 25	Coltsfoot, <i>Tussilago</i>	1 25
Balmony, <i>Chelone Glabra</i>	1 25	Comfrey, <i>Symphytum</i>	1 50
Barberry Bark, <i>Berberis</i>	1 25	Condurango.....	1 50
Bayberry, <i>Myrica Cerebra</i>	1 00	Conium, <i>Conium Maculatum</i>	1 50
Belladonna, <i>Atropa Belladonna</i>	1 75	Cotton Root Bark, <i>Gossypium Herbaceum</i>	2 50
Beth Root, <i>Trillium</i>	1 50	Cramp Bark, <i>Viburnum</i>	1 25
Bitter Root, <i>Apocynum Andros</i>	1 75	Coriander Seed, <i>Coriandrum Sativum</i>	1 00
Bittersweet, <i>Dalecnaria</i>	1 50	Cranesbill, <i>Geranium Maculatum</i>	1 50
Black Alder, <i>Alnus Vertic</i>	1 50	Crawley.....	3 50
Black Haw, <i>Viburnum Prun</i>	1 50	Cubebs, Alcoholic, <i>Cubebs</i>	2 00
Blackberry Root, <i>Rubus Vitaceus</i>	1 25	" Etherial, <i>Oleo-Resina</i>	7 25
Black Cohosh, <i>Cimicifuga</i>	1 50	Culver's Root, <i>Leptandra Virg</i>	2 00
Black Cohosh Comp.....	2 00	Dandelion, <i>Taraxacum</i>	2 00
Black Hellebore, <i>Helleborus Niger</i>	1 50	Comp.....	2 00
Black Pepper, <i>Piper Nigrum</i>	1 50	and Senna.....	1 50
Bloodroot, <i>Sanguinaria Canad.</i>	1 50	Dewberry Root, <i>Rubus Trivialis</i>	1 50
Blue Cohosh, <i>Caulophyllum</i>	1 50	Dogwood, <i>Cornus Flor</i>	1 25
Blue Flag, <i>Iris Versicolor</i>	1 50	Dragon Root, <i>Arum Triphyllum</i>	1 50
Boneset, <i>Eupator, Persol</i>	1 25	Dwarf Elder, <i>Aralia Hupida</i>	1 50
Boxwood, <i>Cornus Florida</i>	1 20	Elder Flowers, <i>Sambucus</i>	1 50
Broom Tops, <i>Scoparius</i>	1 00	Elecampane, <i>Inula</i>	1 25
Buchu, <i>Boronia</i>	2 25	Ergot and Cotton Root.....	3 50
Comp.....	2 25	Ergot, <i>Ergata</i>	3 00
Buchu and Pareira Brava.....	2 50	Ergot Etherial.....	4 00
Buckthorn, <i>Rham. Cath</i>	1 50	Eucalyptus.....	2 00
Buckthorn Berries.....	1 50	Euphrasia, <i>Euphrasia Off</i>	1 75
Buckthorn Brake, <i>Osmunda Regalis</i>	1 00	False Unicorn Root, <i>Hedera Dioica</i>	2 00
Bugleweed, <i>Lycopus Virginica</i>	1 25	Fennel Seed, <i>Foeniculum Vulgare</i>	1 50
Burdock, <i>Lappa Minor</i>	1 50	Fennel Seed, <i>Composita</i>	1 25
Burdock seed.....	1 50	Fever Bush, <i>Benzoin Odoriferum</i>	1 25
Butternut, <i>Juglans</i>	1 25	Feverfew, <i>Pyræthrum</i>	1 25
Button Snake Root, <i>Liatra Syriaca</i>	1 50	Figwort.....	1 75
Calabar Bean.....	5 50	Fireweed, <i>Erechtites</i>	1 50
Calamus Root.....	1 50	Flabane, <i>Erigeron</i>	1 50
Cancer Root, <i>Orobancha Virginica</i>	2 25	Foxglove, <i>Digitalis</i>	1 50
Canella, <i>Canella Alba</i>	1 25	Frostwort, <i>Helianthemum</i>	1 25
Canabis Indica.....	3 50	Garden Celandine, <i>Chelidonium</i>	1 50
Cantharides.....	5 50	Garlic, <i>Allium Sativum</i>	1 80
Cascarilla, <i>Croton Euteria</i>	1 25	Gelseminum, <i>Gels. Semp</i>	2 50
Castor Oil Bean.....	2 00	Gentian, <i>Gentiana Lutea</i>	1 50
Castor Oil Bean Arom.....	2 00	Compound.....	1 50
Catnip, <i>Nepeta Cataria</i>	1 25	Ginger, <i>Zingiberis</i>	2 00
Cardamon Seed.....	6 00	Golden Rod, <i>Solidago</i>	1 25
Cardamon Seed, Comp.....	5 00	Golden Seal, <i>Hylæanthus</i>	1 75
Caraway Seed.....	1 75	Gold Thread, <i>Coptis</i>	1 75
Catechu.....	1 75	Gravel Plant, <i>Epigæa Repens</i>	1 25
Cayenne, <i>Capicum</i>	2 50	Greek Valerian.....	1 75
Ceanothus Americana.....	2 00	Gumac Wood, <i>Gumacum Off</i>	1 40
Centuary, Red, <i>Sabbatia</i>	1 50	Hardhack, <i>Spirea Tomentosa</i>	1 00
Chamomile, <i>Anthemis</i>	1 75	Hellebore, American, <i>Veratrum Viride</i>	2 00
Checkerberry, <i>Mitchella Repens</i>	1 25	" Black, <i>Helleborus Virg</i>	1 75
Cherry Bark, Wild, <i>Prunus Virg</i>	1 50	" White, <i>Veratrum Alba</i>	2 00
" Comp.....	1 50	Hemlock, <i>Pinus Canadensis</i>	1 00
Chestnut Leaves, <i>Castanea Americana</i>	1 50	Henbane, <i>Hyoscyamus</i>	2 25
Chiretta, <i>Agath Chir</i>	2 75	High Craberry, <i>Viburnum Opulus</i>	1 50
		Hops, <i>Humulus</i>	2 00

stock of Botanic goods is a comparatively recent feature in his trade.

W. J. M. Gordon's Price List of Fluid Extracts.

Borehound, <i>Marrubium</i>	1 50	Rhubarb and Senna.....	4 00
Hydrangea, <i>Hydrangea Abrotensis</i>	1 50	Rosein Weed, <i>Stiphium</i>	2 00
Hyssop, <i>Hyssopus</i>	1 25	Rue, <i>Ruta Graciosa</i>	1 25
Ignatia Bean, <i>Ignatia Amara</i>	3 50	Sage, <i>Salvia Officinalis</i>	1 50
Indian Hemp, <i>Apocynum Canad.</i>	1 75	Saffron, <i>Crocus Sativus</i>	4 00
" Foreign, <i>Cannabis Indica</i>	3 50	Sarsaparilla, <i>Smilac</i>	2 00
" Physic, <i>Gillenia Trifoliata</i>	1 25	Compound.....	2 00
" White, <i>Aesculus Inc.</i>	1 75	for Syr. Sarsaparilla Comp.....	1 65
" Turnip, <i>Aram Triph.</i>	1 50	and Dandelion.....	1 50
Ipecac, <i>Americana Gillenia</i>	1 50	Sassafras, <i>Sassafras Offic.</i>	1 25
" <i>Cephaelis Ipecacuanha</i>	7 50	Savin, <i>Juniperus Savina</i>	1 25
" and Seneka.....	5 00	Savory, <i>Satureia Hostensis</i>	1 50
Jalap, <i>Jalapa</i>	4 00	Scall Cap, <i>Scutellaria</i>	1 75
Johnswort, <i>Hypericum</i>	1 25	Scallcap, Compound.....	1 90
Juniper Berries, <i>Juniperus Communis</i>	1 00	Senecio, <i>Senecio Grac.</i>	1 50
Koosis, <i>Brayera Anthelmintica</i>	4 00	Seneka, <i>Polygala Senega</i>	3 00
Kino.....	2 75	Senna, <i>Cassia Acutifolia</i>	1 50
Ladies' Slipper, <i>Cypripedium Pubescens</i>	2 00	Compound.....	2 00
Larkspur Seed, <i>Dolophinium Consida</i>	5 00	and Dandelion.....	1 40
Laurel Leaves, <i>Kalmia</i>	1 75	and Jalap.....	2 25
Lemon Peel, <i>Citrus Limonium</i>	1 50	and Rhubarb.....	2 50
Letuace, <i>Lactuca Salica</i>	1 25	Sheep Laurel, <i>Kalmia Lat.</i>	1 75
Lily White, Pond, <i>Nymphaea</i>	1 50	Shilweed, <i>Asclepias Syr.</i>	1 50
Life Root, <i>Senecio</i>	1 50	Simaruba, <i>Simaruba Offic.</i>	3 30
Licorice, <i>Glycyrrhiza Glabra</i>	1 25	Skunk Cabbage, <i>Dracontium</i>	1 25
Liverwort, <i>Hepatica Americana</i>	1 50	Snake Root, Virginia, <i>Serpentaria</i>	2 25
Lobelia, <i>Lobelia Inflata</i>	1 50	Soapwort, <i>Saponaria</i>	1 50
Lobelia Seed, <i>Lobelia Inflata</i>	2 50	Solomon's Seal, <i>Onoc. Polygonatum</i>	1 25
Comp.....	1 50	Southernwood, <i>Artem Abrotanum</i>	1 50
Logwood, <i>Hematoxylon</i>	1 00	Spearwort, <i>Mentha Viridis</i>	1 25
Lovage, <i>Ligusticum Levati</i>	1 50	Spikenard, <i>Artem Racemosa</i>	1 50
Lungwort, <i>Pulmonaria</i>	1 50	Squill, <i>Scilla Maritima</i>	1 35
Lupulin, <i>Lupulus</i>	3 40	Compound.....	2 00
Mace, <i>Myristica Fragrans</i>	5 00	Staphyngria.....	2 00
Male Fern, <i>Aspidium Filix Mas.</i>	1 50	Star Grass, <i>Asteracis</i>	2 00
Mandrake, <i>Polyphyllum Mandraka</i>	1 25	Stillingia, <i>Stillingia Siliatica</i>	2 00
Marsh Marigold, <i>Statice Limonium</i>	1 25	Compound.....	1 75
Masterwort, <i>Heraclum Laratum</i>	2 00	Stone Root, <i>Olinsonia</i>	1 75
Matico, <i>Artanthe Elongata</i>	2 00	Stramonium Leaves, <i>Stram Fol.</i>	1 50
Mazereon Bark, <i>Maacraem</i>	2 00	Seed.....	1 50
Motherwort, <i>Leonurus</i>	1 25	St. John's Wort, <i>Hypericum</i>	1 50
Mugwort, <i>Artemisia</i>	1 25	Sumach, <i>Rhus Glabrum</i>	1 00
Musk Root, <i>Sumbul</i>	5 50	Sunflower seed.....	1 75
Mullein Leaves, <i>Verbascum</i>	1 50	Sweet Fern, <i>Comptonia Asp.</i>	1 00
Maidenhair, <i>Adiant Pd.</i>	1 50	Sweet Flag, <i>Acorus Calamus</i>	1 50
Nettle, <i>Urtica Dioica</i>	1 50	Sweet Gale, <i>Myrica Gale</i>	1 50
Nutgalls, <i>Galla</i>	1 50	Tag Alder, <i>Alnus Rubra</i>	1 50
Nutmeg, <i>Myristica</i>	5 00	Tansy, <i>Thunacium</i>	1 25
Nux Vomica, <i>Stychnos Nux Vomica</i>	2 00	Thimble Weed.....	1 75
Oak Bark Red, <i>Quercus Rob.</i>	1 25	Thoroughwort, <i>Eupator. Perfol.</i>	1 25
Opium, Aqueous, <i>Strength of Laudanum</i>	3 00	Thyme, <i>Thymus Vulgaris</i>	1 25
Deodorized.....	3 00	Tobacco, <i>Nicotiana Tobac.</i>	3 75
Orange Peel, <i>Aurantium</i>	1 25	Tonka Bean, <i>Dipterix Olorata</i>	2 50
Orange Peel Bitter, <i>Citrus Vulgaris</i>	1 50	Tormentilla, <i>Potentilla Tormentilla</i>	2 00
Orris Root, <i>Iris Flo.</i>	1 25	Trailing Arbutus, <i>Epigaea Repens</i>	2 00
Paraira Brava, <i>Cissampelos Paraira</i>	3 00	Turkey Corn, <i>Corydalis</i>	2 50
Partridge Berry, <i>Mitchella Repens</i>	1 75	Turmeric, <i>Curcuma Longa</i>	1 25
Parilla Yellow, <i>Menip. Can.</i>	1 40	Unicorn Root, <i>Astris</i>	2 50
Pennyroyal, <i>Holena Poligoides</i>	1 25	Uva Ursi, <i>Arcostaphylos</i>	1 25
Peppermint, <i>Mentha Peppercita</i>	1 25	Valerian, <i>Valerian Offic.</i>	2 00
Pink Root, <i>Spydia Maritima</i>	2 25	Veratrum Viride.....	1 75
and Senna.....	2 00	Verbena, <i>Verbena Offic.</i>	1 25
Comp.....	2 40	Wahoo, <i>Evanomna</i>	2 00
Pipaisewa, <i>Chimaphila Umb.</i>	1 25	Water Pepper, <i>Polygonum Punc.</i>	1 25
Pitcher Plant, <i>Sarracenia Purpurea</i>	2 00	Watermelon Seed, <i>Cucurbita Citrullis</i>	1 25
Pleurisy, <i>Asclepias Tub.</i>	1 75	White Oak Bark, <i>Quercus Alba</i>	1 00
Plantain Leaves, <i>Plantago Major</i>	1 40	White Poplar Bark, <i>Populus Trem.</i>	1 20
Poke Root, <i>Phytolacca Det.</i>	1 25	White wood Bark, <i>Liriodendron</i>	1 25
Poplar Bark, <i>Populus</i>	1 25	Wickup, <i>Epilobium Pul.</i>	1 50
Poppies, <i>Papaver Somniferum</i>	1 50	Wild Ginger, <i>Asarum</i>	1 60
Pomegranate Bark, <i>Punica Granatum</i>	3 00	Wild Indigo, <i>Baptista Tinct.</i>	1 25
Prickly Ash, <i>Xan beryum</i>	1 50	Wild Turnip, <i>Arum Triphy.</i>	1 25
Berries, <i>Xanth. Baccos</i>	2 75	Wild Yam, <i>Dioscorea Vilosa</i>	1 50
Ptelea, <i>Ptelea Trifoliata</i>	1 75	Willow Bark, <i>Salix</i>	1 25
Pumpkin seeds, <i>Cucurbita Pepo</i>	1 50	Wintergreen, <i>Gaultheria Pro.</i>	1 25
Pulsatilla.....	2 00	Witch Hazel, <i>Hamamelis Virg.</i>	1 25
Quassia, <i>Simaruba Erecta</i>	1 00	Witch Hazel Leaves, <i>Hamamelis Virg.</i>	1 25
Queen of Meadow, <i>Eupatorium Purp.</i>	1 25	Wormwood, <i>Chenopodium</i>	1 50
Raspberry Leaves, <i>Rubus Strig</i>	1 00	Wormwood, <i>Artemisia Absinth.</i>	1 25
Rhatsny, <i>Krameria</i>	2 00	Yarrow, <i>Achillea Millefol.</i>	1 25
Rhubarb, <i>Rheum</i>	4 50	Yellow Dock, <i>Rumex Crispus</i>	1 50
Aromatic.....	4 00	Yellow Jessamine, <i>Gelsemium</i>	2 35
and Potass.....	3 00	Yellow Parilla, <i>Menispermum Canad.</i>	1 50

UNIVERSITY DISPENSARY

AND

SUMMER SCHOOL OF MEDICINE.

Spring and Summer Session of 1874.

The next Session of the above School will commence March 5, 1874,
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- On Venereal Diseases and Diseases of the Skin,
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On Diseases of the Throat and Chest, BY PROF. E. R. PALMER.
On Urinology and Diseases of the Nervous System, BY PROF. J. W. HOLLAND.
On Public Hygiene, BY PROF. T. S. BELL.
On Clinical Obstetrics and Diseases of Women, { BY PROF. CROWE AND
DR. W. H. BOLLING.
On Clinical Surgery, BY PROF. D. W. YANDELL.
On Operative Surgery and Surgical Dressings, . BY PROF. R. O. COWLING.
On Physiology and Diseases of Children, . . . BY DR. F. C. WILSON.
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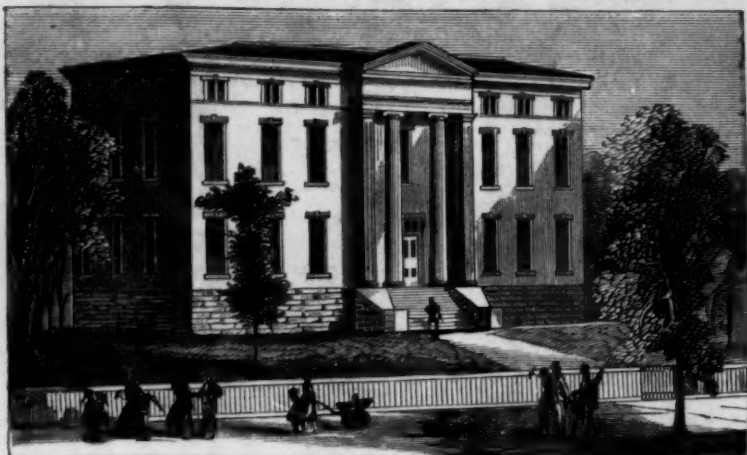
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MEDICAL DEPARTMENT,
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THIRTY-SEVENTH ANNUAL SESSION.

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T. S. BELL, M. D.....	Prof. Science and Prac. of Med. and Public Hygiene.
JOHN E. CROWE, M. D.....	Prof. of Obstetrics and Dis. of Women and Children.
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D. W. YANDELL, M. D.....	Prof. of the Science and Art of Surgery and Clinical Surgery.
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	Demonstrator of Anatomy.

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At the present price of sulphate of quinine, it is sold at about one-half the price of that agent, and with the testimony offered that it has equal tonic and anti-periodic effects, and that it is less objectionable, there seems to be no good reason why it should not be universally employed by the profession.

The cut below gives the size of the ounce phial, and the form of putting up.

Dr. J. A. PERKINS, of Chestertown, Md., under date of Feb. 10, 1872 writes us as follows: "I have used your preparation of Cincho-Quinine during the past summer in a malarious district. I find it entirely reliable as a substitute for the sulphate of quinine. It produces less unpleasant effects on the head, and is much better borne by the stomach. In the cases of children, I have found it to be a very desirable remedy, on account of the much less unpleasant taste. I use it satisfactorily in all cases as a substitute for the sulphate."

I have used one-and-a-half ounces of the Cincho-Quinine, and I think very favorably of its effects. In a case of intermittent fever (the patient from Tennessee), I found it to operate as well and as promptly as sulphate of quinine, without any unpleasant head symptoms. In no case have I discovered any unpleasant cerebral disturbance, as is often found in the use of the quinine.—J. M. ANDRICH, M.D. Fall River, Mass.

I have used several ounces of Cincho-Quinine with the most complete success. I prefer it to the sulphate of quinine in intermittents, especially with children. I can strongly recommend it to the profession generally.—J. H. FRAY, M.D., Perry, Iowa.

The Cincho-Quinine which I have used gave entire satisfaction. It has all the advantages you claim for it, and doubtless it will in time supersede the use of sulphate of quinine entirely.—SAMUEL W. COONS, M.D., Madison, Ala.

We can now supply SUGAR-COATED CINCHO-QUININE PILLS of three sizes, namely, 1 grain, 2 grains, and 3 grains, in such quantities as are wanted. They are placed in vials holding 100 each. The price is about one-half that of Quinine Pills. Dose the same.

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I have used Cincho-Quinine in eight or ten cases, and have reason to think well of the results. I give it as I do the sulphate, 10 grains in five doses during the intermission, and five grains one or two hours before a paroxysm is due, and continue to give five grains once a week for three weeks. I shall continue to use it, and wish you to send me one ounce by mail.—J. C. DOWNING, M.D. Wapping Falls, New York.

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I have been using the Cincho-Quinine in my practice in intermittent and remittent, and I think well of it. I believe it to be quite equal to the sulphate, with all the advantages which you claim for it.—J. C. ROSS, M.D. Lincoln, Ill.

I have used an ounce of Cincho-Quinine in some obstinate cases of intermittent neuralgia and ague, and am happy to state that it has thus far sustained in full the anticipation raised by what you have claimed for it. Dr. S. S. CUTLER, of this city, has an extensive general practice, and he informed me a few days ago that the Cincho-Quinine was giving satisfaction.—J. H. BRECH, Coldwater, Mich.

E. FESSENDEN, President.

J. F. BURNS, Secretary.

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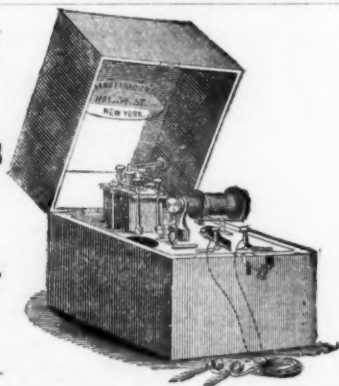
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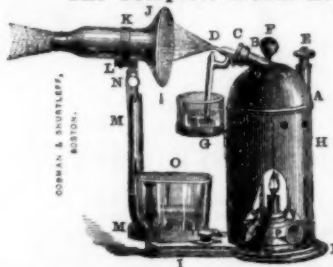


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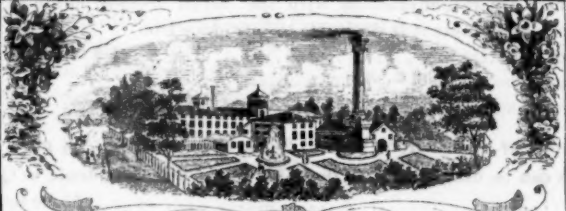
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This formula can be used when it is desirable to use a specific tonic as Quinine.

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Podophyllin $\frac{1}{2}$ gr., Ext. Hyoscyamus 1-8th gr., Ext. Nux Vomica 1-16th gr.

This pill originated with us in 1858, for our personal use, and is a reliable purgative, acting on the bowels promptly, unattended by the disagreeable sequelæ which usually follows the administration of cathartic medicine, and is particularly efficacious in its action upon the liver.

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PHOSPHORUS PILLS.

1-100 And 1-50 of a Grain.

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Phosphorus Pills Compound.

Phosphorus 1-100 gr. Ext. Nux Vomica $\frac{1}{4}$ gr.

Have proved to be a valuable remedy in the treatment of all diseases of the *Brain and Nerve Centres*, particularly *Lapse of Memory, Softening of the Brain, Mental Derangement, Paraplegia, Paralysis and Impotency*—especially in the three last, and in all cases where there is a loss of *Nerve or Vital Force*.

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Phosphorus Pills Compound and Iron.

Phosphorus.....One-hundreth grain.

Extract Nux Vomica.....One-eighth

Phosphate of Iron.....One-half

These Pills are very much employed in many cases where the use of Iron is desired.

The administration of Phosphorus should be commenced in small doses, say one-hundreth of a grain and gradually increased, and should cease if digestive troubles supervene.

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The value of Iodo-Bromide of Calcium Compound in the form of an Elixir and Solution in scrofulous diseases, together with its alterative, resolvent and aperient properties, has suggested that its curative values be enhanced by the use of some alterative aperient, which after many experiments we have achieved, (containing Iodine, Bromine, &c.) and shall designate as the

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Put in a dry tumbler a teaspoonful and fill the tumbler half full of cold or luke warm water, stir well, and drink while effervescing.

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Use two teaspoonfuls, as above, before breakfast. This quantity will generally be found sufficient for ordinary cases, but as some persons are less susceptible to its action, the same quantity may be repeated in an interval of two hours, if the effect desired is not obtained.

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A teaspoonful in a tumbler of water at intervals during the day, as thirst or circumstances may indicate. It may be flavored with Ginger, Peppermint or Brandy, according to circumstances.

That the profession may be able to dispense it themselves, we shall put up in pound bottles, as well as half pound, and one-fourth pound bottles.

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SUCCESSFUL TREATMENT OF

Exophthalmic Goitre

BY THE USE OF

Iodo-Bromide Calcium, Comp.

By C. H. GUPTILL, M. D., ELIOT, MAINE.

American Journal of the Medical Sciences, Philadelphia, Jan. 1874.

Sept. 22, 1872, was called to visit Mary G., unmarried, æt. 45, who had been under the care of a respectable physician for one year, and had been treated for anemia and nervous troubles regarded as the result of long confinement as a seamstress. She received no benefit from the treatment, chiefly tonic. I found her much emaciated; very excitable; bowels constipated; appetite poor; urine scanty and high coloured; pulse very rapid and small, often could not be counted; heart's action felt over a large area; breathing laboured, and muscles of neck enlarged, tending to rigidity; veins of face and neck congested; the thyroid gland was much enlarged, and this first alarmed the family. She had intolerable headaches; the expression of the face was that peculiar to exophthalmic goitre; the eyeballs very prominent, giving a wild stare and a larger look to the eye than natural. I had seen in thirty years of practice only one similar case. I prescribed TROUSSEAU's treatment, viz.: digitalis, which after a fair trial proved ineffectual; gelsemium and FOWLER's solution were then successively used, but without benefit; anodynes for the headaches only aggravated the conditions present; nervines were useless in their turn; stimulants made matters worse. About three months and a half after taking charge of this case, new features appeared. Induration presented itself of the abdominal muscles, also of the thighs and legs. At this time I was led to prescribe the Iodo-Bromide of Calcium Comp., in the form of solution—one-half a teaspoonful in water morn. noon and eve. The indurated portions were also bathed with the same. Under this treatment my patient at once improved. The heart's action became more quiet. The nervous excitement calmed, the appetite returned, the patient gained strength. Soon she was able to leave her bed. The thyroid gland lessened in size, and in six months became natural. Soon my constant services were not required, and my visits became occasional only. Miss G. is now in very good health. I have, however, to say that she is not able to do without this medicine. If she omits its use for some weeks her symptoms return. She becomes excitable, and resorts to the remedy, always with success.

I regard the Iodo-Bromide of Calcium Comp., as a very valuable addition to our therapeutical list. It is a decided sedative, as I have seen in other nervous cases. It is an efficient alterative, and is well calculated to meet many conditions where a sedative, alterative, and tonic treatment is required. The effect is very satisfactory where nervous irritability and debility are conjoined with a peculiar cachexia, as seen, for instance, in exophthalmic goitre.

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FLUID EXTRACT
COTTON ROOT B.
(GOSYPII RADICIS CORTEX.)
EMMENAGOGUE, PARTURIENT.

DOSE.—f. 3 ss.

INFUSION. WINE.
Fluid Extract, - f. 3 iv.
Water, - f. 3 xij.
Sherry Wine, - f. 3 xij.
Mix.
Dose.—f. 3 ij.—f. 3 iv.
Dose.—f. 3 ij.

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PREPARED WITHOUT THE AID OF HEAT

W. R. WARNER & CO.
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RELIABLE PILLS ELIXIRS & FLUID EXTRACTS
SUGAR COATED PURITAS ET POTENTIA NE PLUS ULTRA

FLUID EXTRACT
ERGOT.
(SECALE CORNUTUM.)

DOSE.—10 m to 30 m.

TINCTURE. WINE.
Fluid Extract, - f. 3 iv.
Dilute Alcohol, f. 3 xij.
Sherry Wine, - f. 3 xij.
Mix.
Dose.—f. 3 j.—f. 3 ss.
Dose.—f. 3 j.—f. 3 ss.

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A powerful general Tonic and Alterative; valuable as a remedy in

SCROFULA, ANÆMIA, NEURALGIA, CHLOROSIS, CONSUMPTION, &c.

We make special mention of these Pills of our manufacture, as the medical journals throughout the country contain contributions from reliable authors who have made wonderful cures after having used, without success, all other known remedies.

Each label bears the formula and doses.

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"Internally I gave quinine and iron, and a good nourishing diet. Still I found great trouble in keeping up healthy granulations; they would become sluggish. I tried a number of alteratives, as iodide of potassium and lime. Still the case progressed very slowly, until my attention was attracted to an article in the *Medical and Surgical Reporter*, on 'Iodoform and Iron.' I at once concluded to give this remedy a fair trial. I discontinued all other constitutional treatment, and gave three pills three times a day, manufactured by W. R. Warner & Co., of Philadelphia. I soon had the satisfaction of seeing a rapid improvement. The pain at once left her limb, with which she had suffered continually; the granulations became more healthy and more abundant, and I now have the satisfaction of seeing my patient engaging in all her household duties. Not a vestige of the disease is to be seen. The patient is enjoying perfect health; is active and lively.

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Pv. Saponis, 1½ "		" Zingib. }	
" Saponis, 1½ "		" Saponis, }	
ALOES et FERRI.		GENTIAN COMP.	
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" Zingib. Jam., 1 "	40	Pv. Soc. Aloes, 2 gr. }	40
Ferri. Sul. Eas., 1 "		{ Ol. Carul., 1-5 gr. }	
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{ Pv. Aloes Soc., 1½ gr. }	50	{ Soc. Aloes, }	
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DIRECTIONS FOR USE.—Dip a Plaster of the required size into water at the ordinary temperature for a few seconds, then apply to the part, and cover with a bandage.

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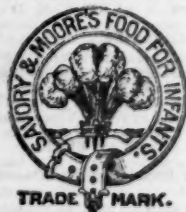
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For several years I have had occasion to use a number of the preparations from the Louisville Chemical Works. It affords me pleasure to declare my conviction of their *great excellence and purity*. I gladly wish them the extensive sale which their merit demands.

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To persons suffering from nervous prostration, symptoms of paralysis, anæmia, arising from diseases peculiar to females, or general debility from any cause whatever, it will commend itself as a general therapeutic agent. It also forms one of the most effective remedies ever used to prevent the recurrence of intermittent attacks when the chill is broken. Per doz. pints, \$9.00.

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I have used one-and-a-half ounces of the Cincho-Quinine, and I think very favorably of its effects. In a case of intermittent fever (the patient from Tennessee), I found it to operate as well and as promptly as sulphate of quinine, without any unpleasant head symptoms. In no case have I discovered any unpleasant cerebral disturbance, as is often found in the use of the quinine.—J. M. ADRICH, M.D. Fall River, Mass.

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The Cincho-Quinine which I have used gave entire satisfaction. It has all the advantages you claim for it, and doubtless it will in time supersede the use of sulphate of quinine entirely.—SAMUEL W. COOK, M.D., Madison, Ala.

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I have used Cincho-Quinine in eight or ten cases, and have reason to think well of the results. I give it as I do the sulphate, 10 grains in five doses during the intermission, and five grains once or two hours before a paroxysm is due, and continue to give five grains once a week for three weeks. I shall continue to use it, and wish you to send me one ounce by mail.—J. C. DOWNING, M.D. Wapping Falls, New York.

After further continued trial of the Cincho-Quinine, I can safely say that it is a most excellent remedy. The absence of cinchonism in its use, its comparatively pleasant taste, its cheapness, with its fully equal tonic and anti-periodic qualities, make it an article which must soon be indispensable in the list of remedies of every intelligent physician.—S. A. BUTTERFIELD, M.D., Indianapolis, Ind.

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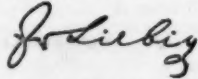
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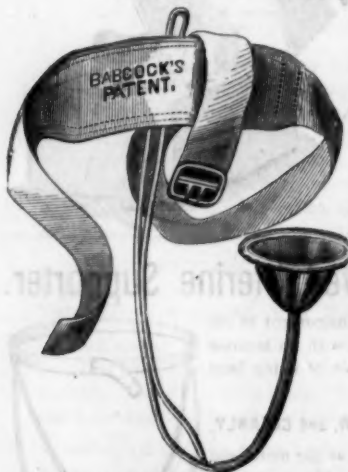
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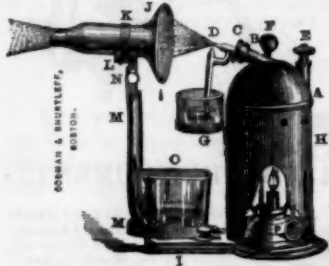


Fig. 15. Pat. Mar. 24, 1868 and Mar. 16, 1869.

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AND RECIPES OF EMINENT PHYSICIANS,

MANUFACTURED BY

WM. R. WARNER & CO.,
PHILADELPHIA.

We claim for our SUGAR-COATED PILLS the indispensable qualities, **SOLUBILITY** and **PERMANENCY**. They are prepared of the purest materials, and you can feel warranted in their being perfectly reliable. Our method of sugar-coating pills avoids the necessity of drying so hard as to render them insoluble.

THE FOLLOWING EMBRACES A FEW IMPORTANT RECIPES. FULL LIST FURNISHED ON APPLICATION.

PILLS.	Price per 100.	PILLS.	Price per 100.
ALOE—U. S. P.,	\$ 40	FERRI CARB. (Vallet's),	\$ 40
ALOE et ASSAF.		GAMBOGE COMP.	
{ Pv. Aloe Soc., 1½ gr. }		{ Pv. Gamboge, }	
{ Assafoetida, 1½ " }	40	{ " Aloe Soc., }	40
{ Pv. Saponis, 1½ " }		{ " Zingib., }	
ALOE et FERRI.		{ " Saponis, }	
{ Pv. Aloe Soc., ½ gr. }		GENTIAN COMP.	
{ Zingib Jam., 1 " }	40	{ Ext. Gentian, ½ gr. }	
{ Ferri. Sul. Exs., 1 " }		{ Pv. Soc. Aloe, 2 gr }	40
{ Ext. Conil., ½ " }		{ Ol. Carui, 1-5 gr. }	
ALOE et NUC. VOMICA.		{ Soc. Aloe, }	
{ Pv. Aloe Soc., 1½ gr. }	50	{ Ferri. Sul. Exs., }	
{ Ext. Nuc. Vom., ½ " }		{ Ext. Helleb. N., }	40
ALOE et MASTICH. (Lady Webster.)		HOOPER.	
{ Pv. Soc. Aloe, }	50	{ " Myrrh., }	
{ Gum Mastich., }		{ " Saponis, }	
{ Flor. Rosa, }		{ " Canella, }	
ALTERNATIVE.		{ " Zingib Jam., }	
{ Mass. Hydrag., 1 gr. }	50	HYDRARGYRI—3 grs.	40
{ Pv. Opil., }		IPECAC et OPIL.—2½ grs.	50
{ " Ipecac, 23 1-8 gr. }		{ Irisin, ¼ gr. }	
ANDERSON SCOTS		{ Podophyllin, 1.10 gr. }	50
{ Pv. Soc. Aloe, }	40	{ Strychnia, 1-40 gr. }	
{ " Saponis, }		PODOPHYL et HYDRARG.	
{ " Fruct. Colocynth, }		{ Podophyllin, ¼ gr. }	50
{ " Gamboge, }		{ Mass. Hydrag., 2 grs. }	
{ Ol-Anis., }		GRANULES.	
ASSAFETIDA, U. S. P.,	40	AC. Arsenious, 1-20, 1-30, 1-50 grs.	40
ASSAFETIDA, COMP.		CORROSIVE SUBLIMATE, 1-12, 1-20, 1-40 grs.	40
{ Assafoetida, 2 gr. }	40	EXT. Belladonna, Eng. ¼ gr.	40
{ Ferri. Sulph. Exs. 1 gr. }		{ " Ignatia Am., ¼ gr. }	30
CALOMEL.—2 grs.	40	{ " Hyoscyanus, (Eng) ½ gr. }	40
CAMPHOR et HYOSCYAMUS.		{ " Nuc. Vom. ½ gr. }	50
{ Camphor, 1 gr. }	50	LEPTANDRIN, ¼ gr.	40
{ Ext. Hyoscyamus (Eng) 1 gr. }		MERCURY, Iod., ¼ gr.	40
CHINOIDIN.—1 gr.	40	{ " Red, 1-16 gr. }	40
COOKS,		PODOPHYLLIN, 1-10 gr.	40
{ Pv. Soc. Aloe, 1 gr. }	50	{ " ¼ gr. }	40
{ " Ruel Calomel, 1½ " }		STRYCHNIA, 1-10, 1-20, 1-30, 1-32, 1-40, 1-60, gr.	40
{ Pv. Saponis, ½ " }			

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Jan. 10, 1863.

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We make special mention of these Pills of our manufacture, as the medical journals throughout the country contain contributions from reliable authors who have made wonderful cures after having used, without success, all other known remedies.

Each label bears the formula and doses.

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LACTOPEPTINE.

COMPOSITION
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LACTOPEPTINE.

PEPSIN,
PTYALIN,
PANCREATINE,
LACTIC ACID,
HYDROCHLORIC ACID.

One drachm of
LACTOPEPTINE
will digest from 12 to 15
drachms of Albumen, or
any kind of cooked Animal
or Vegetable Food.

LACTOPEPTINE contains the five active agents of digestion, combined in the same proportion as they exist in the human system.

Its digestive power is from three to four times that of Pepsin, (described in the "United States Dispensatory," page 1685,) and has the all important advantage of dissolving all aliment used as food by mankind, while Pepsin acts only upon food of a plastic nature.

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PEPSIN is one of the principle agents of digestion found in the gastric juice, and in conjunction with acid matter present in that secretion, will convert Albumen, Fibrin, Cassein, &c., into Peptone.

PTYALIN is the active principle of saliva. It has, until quite recently, been used but little medicinally, yet it is unquestionably one of the most important agents of digestion. It acts powerfully upon vegetable matter, by separating and dissolving the nutritious portion. One part of Ptyalin will separate the Dextrine and Glucose from 2,000 parts of Starch.

PANCREATINE is secreted by the Pancreas. It acts immediately and powerfully upon Oily and Fatty substances, emulsionizing and preparing them for assimilation. It also has the power of digesting all kinds of food, and has undoubtedly been given this property so as to act upon any matter that may pass the Pylorus imperfectly digested.

LACTIC and HYDROCHLORIC ACIDS are always found in the gastric juice, and their importance is shown from the fact that Pepsin will not change the character of the food without their presence.

TO TEST THE DIGESTIVE POWER OF LACTOPEPTINE.

To two fluid ounces of water, add one drachm of Lactopeptine, half drachm of Hydrochloric or Lactic Acid, 15 drachms of cooked food (reduced to a pulpy consistency), allowing it to remain from four to twelve hours, occasionally agitated and heated to a temperature of 105 deg.

Careful experiments and much study have been required in ascertaining the exact nature and proportion of each component part of LACTOPEPTINE, so as to furnish a preparation that represents all the various digestive agents that act upon food from mastication to its conversion into chyle.

Pepsin or any of the other digestive agents, when administered alone, bears very little comparison to the medicinal value of LACTOPEPTINE, and we confidently believe that it will entirely supersede their use. It is furnished at a price that will bring it within reach of every class of practice.

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 It is presented in a saccharated form and will be readily taken by the youngest child.
 It is used in the various forms of DYSPEPSIA, CHRONIC DIARRHOEA, VOMITING IN PREGNANCY,
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As perfect digestion is required in restoring the waste suffered by the Blood during
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DOSE OF POWDER, 2 to 5 grs.

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SYRUP LACTOPEPTINE CO. Containing Lactopeptine, Phos. Iron, Phos. Lime, Phos. Soda and Phos. Potash.	LACTOPEPTINE EMULSION SUPERIOR TO PANCREATIC EMULSION.

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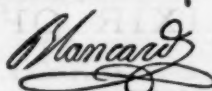
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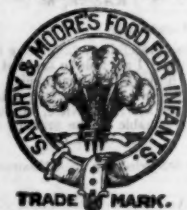
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The following testimonials were voluntarily tendered to the Louisville Chemical Works while under the supervision of our Manufacturing Chemist.

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I have carefully examined the specimens of Chemical and Medical preparations manufactured at the Louisville Chemical Works, and have no hesitation in saying that they are equal to the best articles to be found in commerce.

Two samples of your chloroform were tested by the usual tests, and we believe them to be chemically pure. They were compared with a specimen from the house of Tromsdorff, of Berlin, Prussia, and also one from the manufactory of Flockhart & Duncan, of Edinburgh. The tests, viz., Sulphuric Acid in equal quantity, Evaporation, Bichromate of Potash, Nitrate of Silver and Soubevan's Test furnish precisely the same result, proving that there is really no difference in their purity.

H. A. PROUT, M. D.,
Analytic Chemist and Pres't Acad. Sciences, St. Louis.

From Charles A. Pope, M. D., St. Louis.

For several years I have had occasion to use a number of the preparations from the Louisville Chemical Works. It affords me pleasure to declare my conviction of their *great excellence and purity*. I gladly wish them the extensive sale which their merit demands.

CHAS. A. POPE, M. D.

From E. S. Frazer, M. D., Professor of Obstetrics and the Diseases of Women and Children in Missouri Medical College, St. Louis.

Having used the medicines prepared at the Louisville Chemical Works extensively in my practice, I have no hesitation in recommending them as very superior—more fully meeting the indications described, and more satisfactory in their effects, than any preparations I have ever used.

E. S. FRAZER, M. D.

From Dr. T. S. Bell, of the University of Louisville.

I take pleasure in discharging gratefully a duty I owe to your excellent preparations for medical purposes. From ample experience, I am able to say that I have found all your preparations fully equal to all the requirements of the U. S. Pharmacopoeia. *I could not be induced to use any other chloroform for inhalation than yours, or that prepared by Dr. Squibb, of Brooklyn.* I have found your Hoffman's Anodyne, Sweet Spirits of Nitre, various Fluid Extracts, and other important agents of the Materia Medica invaluable in the practice of medicine.

I am very truly yours, T. S. BELL.

From John P. Hodgen, M. D., Professor of Anatomy and Physiology in Missouri Medical College, St. Louis.

I have used the Chloroform, Sweet Spirits Nitre, and Hoffman's Anodyne, from the Louisville Chemical Works, and take pleasure in stating that they have more *fully come up to my desires than any articles of the kind ever used by myself.*

JNO. P. HODGEN, M. D.

From Prof. Lewis Rogers, of the University of Louisville.

I feel that I am doing a favor to the profession and general public in certifying to the excellence of the various pharmaceutical preparations of your Chemical Works in this city. In purity, scientific accuracy, and in all other regards, your articles fully come up to the requirements of the U. S. Pharmacopoeia.

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The reputation of this Syrup, as produced at these works, is so well established that it is used almost to the entire exclusion of the syrup of other manufacturers. It is a handsome and palatable article, prepared according to the process suggested by Dr. Churchill, of Paris, and communicated by him to Dr. Smith, who was the first to introduce its manufacture into the United States. Each fluid drachm contains the hypophosphites of lime two and a half grains, soda one and a half grain, potash one grain, and soda three fourths of a grain. Per doz. lbs. \$8.00.

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To persons suffering from nervous prostration, symptoms of paralysis, anæmia, arising from diseases peculiar to females, or general debility from any cause whatever, it will commend itself as a general therapeutic agent. It also forms one of the most effective remedies ever used to prevent the recurrence of intermittent attacks when the chill is broken. Per doz. pints, \$9.00.

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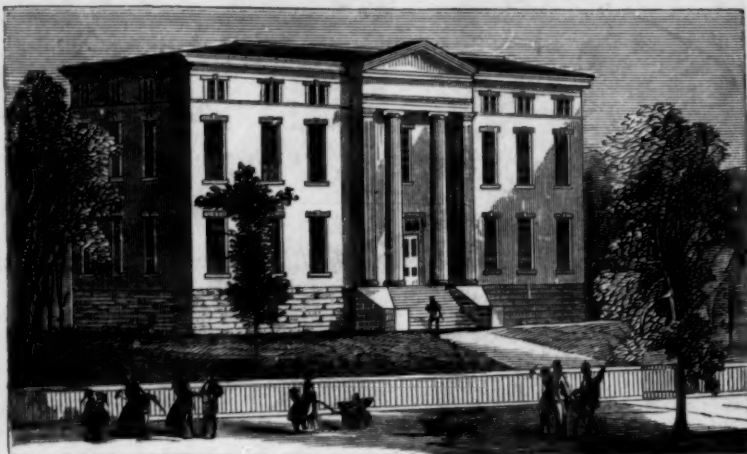
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A Preliminary Course of Lectures, free to all Students, will commence on the second Monday in September, and continue till the opening of the Regular Term.

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Cincho-Quinine holds ALL the important constituents of *Peruvian Bark* in their alkaloidal condition. It contains no sulphate of cinchonine or sulphate of quinine, but cinchonine, quinine, quinsidine, etc., without acid combinations. It is now nearly four years since it was placed in the hands of physicians for trial, and the verdict in its favor is decisive.

At the present price of sulphate of quinine, it is sold at about one-half the price of that agent, and with the testimony offered that it has equal tonic and anti-periodic effects, and that it is less objectionable, there seems to be no good reason why it should not be universally employed by the profession.

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Dr. J. A. PERKINS, of Cheestertown, Md., under date of Feb. 19, 1872 writes us as follows: "I have used your preparation of Cincho-Quinine during the past summer in a malarious district. I find it entirely reliable as a substitute for the sulphate of quinine. It produces less unpleasant effects on the head, and is much better borne by the stomach. In the cases of children, I have found it to be a very desirable remedy, on account of the much less unpleasant taste. I use it satisfactorily in all cases as a substitute for the sulphate."

I have used one-and-a-half ounces of the Cincho-Quinine, and I think very favorably of its effects. In a case of intermittent fever (the patient from Tennessee), I found it to operate as well and as promptly as sulphate of quinine, without any unpleasant head symptoms. In no case have I discovered any unpleasant cerebral disturbance, as is often found in the use of the quinine.—J. M. ANDRICH, M. D. Fall River, Mass.

I have used several ounces of Cincho-Quinine with the most complete success. I prefer it to the sulphate of quinine in intermittents, especially with children. I can strongly recommend it to the profession generally.—J. H. FERT, M. D., Perry, Iowa.

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I have used Cincho-Quinine in eight or ten cases, and have reason to think well of the results. I give it as I do the sulphate, 10 grains in five doses during the intermission, and five grains one or two hours before a paroxysm is due, and continue to give five grains once a week for three weeks. I shall continue to use it, and wish you to send me one ounce by mail.—J. C. DOWNING, M. D. Haverhill Falls, New York.

After further continued trial of the Cincho-Quinine, I can safely say that it is a most excellent remedy. The absence of cinchonism in its use, its comparatively pleasant taste, its cheapness, with its fully equal tonic and anti-periodic qualities, make it an article which must soon be indispensable in the list of remedies of every intelligent physician.—R. A. BUTTERFIELD, M. D., Indianapolis, Ind.

I have been using the Cincho-Quinine in my practice in intermittents and remittents, and I think well of it. I believe it to be quite equal to the sulphate, with all the advantages which you claim for it.—J. C. ROM, M. D., Lincoln, Ill.

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OFFICE OF THE TREASURER OF KENTUCKY, FRANKFORT, May 13, 1870.

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CHARLES A. SEELY,

Late Prof. of Chemistry and Toxicology in the New York Medical College,
and of Chemistry and Metallurgy in the New York College of Dentistry.

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Dr. Smith's waters were the first ever placed in the market on a large scale in the United States.

Their excellence created the demand for such goods, and made the business wholesale.

They exactly represent the natural waters, producing identical medicinal effects.

Their indisputable superiority has made them more popular than any other.

They are more extensively prescribed in daily practice, and used by physicians themselves, than any other—a spontaneous and emphatic indorsement, certainly not surreptitiously obtained.

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In cases where other waters have been substituted the difference has been immediately detected by the public, and loss of custom has compelled a return to Dr. Smith's.

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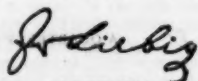
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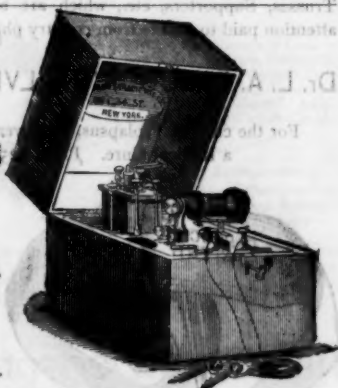
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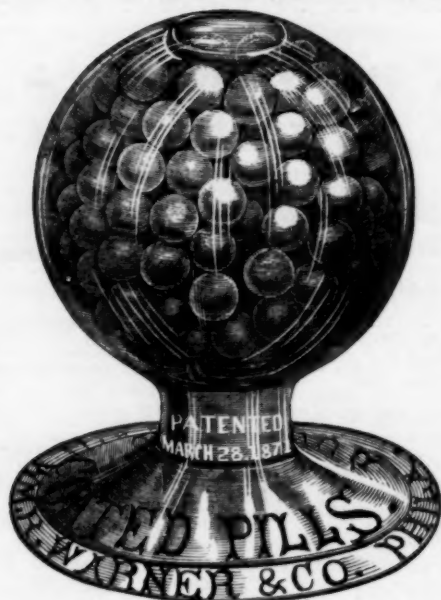
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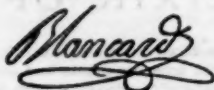
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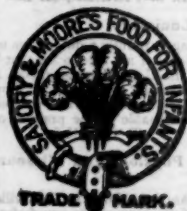
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ELIXIR CALISAYA.

This preparation is already familiar to medical practitioners as an efficient and agreeable form for administering the bark. The tonic and anti-intermittent properties of the cinchona barks are well established, and they possess but one drawback in their extreme bitterness. This has been overcome to a great extent in the Elixir Calisaya, which, representing twelve grains of calisaya bark in the fluid ounce, is so combined with other ingredients as to make it an agreeable cordial, acceptable to the most delicate stomach. To persons suffering from dyspepsia, indigestion, general debility from sickness or other causes, etc., it will prove invaluable. It will be found one of the best, and at the same time harmless, preventives for fever and ague to persons exposed to its influence. Per doz. pints, \$9.00.

ELIXIR CALISAYA FERRATUM.

This valuable Tonic Elixir combines the remedial properties of five grains of Peruvian bark and two grains pyrophosphate of iron, in each tea-spoonful combined with aromatics. The elegant form in which these tonics are exhibited, freedom from the chalybeate taste of similar preparations, and its permanency will recommend it to physicians and consumers. Per doz. pints, \$9.00.

ELIXIR CALISAYA FERRATUM WITH STRYCHNIA.

This valuable tonic and antiperiodic Elixir contains in each fluid drachm (tea-spoonful) the remedial properties of five grains cinchona calisaya, two grains pyrophosphate iron, and one one-hundredth grain strychnia, with sufficient aromatics to free it from the chalybeate taste common in similar preparations, which, with its permanency, will recommend it to both physician and consumer.

To persons suffering from nervous prostration, symptoms of paralysis, anemia, arising from diseases peculiar to females, or general debility from any cause whatever, it will commend itself as a general therapeutic agent. It also forms one of the most effective remedies ever used to prevent the recurrence of intermittent attacks when the chill is broken. Per doz. pints, \$2.00.

The Practitioner Advertiser.

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To persons suffering from nervous prostration, intermittent attacks, symptoms of paralysis, anæmia arising from diseases peculiar to females or general debility, when complicated with dyspepsia, irritable condition of the stomach and bowels, diarrhea, etc., this Elixir will commend itself as a valuable therapeutic agent. It is especially valuable as an antiperiodic to prevent the return of intermittent attacks when once broken. Per doz. pints, \$9.00.

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This agreeable preparation, although adapted to any form of dyspepsia, is especially valuable in cases where this disease is complicated with general debility.

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Wine of Pepsin carefully prepared from fresh calves' rennets. Each fluid ounce contains five grains of pepsin in solution in pure old Sherry wine. Per doz. pints, \$15.00.

SYRUP PHOSPHATE IRON, QUININE, AND STRYCHNINE.

A powerful general tonic, stomachic, readily-assimilable chalybeate, well adapted to certain chlorotic and anæmic states, used in morbid conditions of the nervous system, chronic diseases of the kidneys, many forms of cutaneous diseases where a tonic effect is desired, and in cases of strumous children threatened with scrofulous degeneration, and ultimately with localised tubercular development. One grain of phosphate iron, one grain phosphate quinia, and one thirty-second grain phosphate strychnia to the drachm (tea-spoonful) of syrup. Per doz. lbs. \$15.00.

SPIRITUS ÆTHERIS NITRICI.

Sweet Spirits of Nitre has fallen into disuse with many practitioners in consequence of its liability to decomposition. This is owing either to want of care in its manufacture, or, as is too often the case, from fraudulent additions of water to decrease its price. Water is injurious not only as a diluent, but is a most efficacious promoter of decomposition.

We have samples of this article, manufactured by us more than two years ago, which have remained until now unchanged, although frequently exposed to light and air. Our Spts. Nit. Dulcis contains five per cent. of pure ether. Per lb. in 5 lb. packages, 35 cts.

CAUTION!

As close imitations of our preparations are in the market, in ordering our goods of others specify

LOUISVILLE CHEMICAL WORKS,

and see that the SIGNATURE OF OUR MANUFACTURING CHEMIST IS WRITTEN ACROSS EACH LABEL.

Physicians and druggists failing to obtain our preparations through dealers will be furnished by us at the lowest market price, with freight prepaid, on notifying us of the fact.

ESTABLISHED 1848.

Silver Medal awarded by Ohio Mechanics' Institute, 1860.

Large Silver Medal awarded by Cin. Industrial Exposition, 1870.

FIRST PREMIUM awarded by Cincinnati Industrial Exposition, 1872,
FOR BEST GLYCERIN.

FIRST PREMIUM awarded by Cincinnati Industrial Exposition, 1873,
FOR BEST GLYCERIN.

Special Premium awarded for Sugar Coated Pills.

All the above Premiums were awarded for superiority of my articles over those
of other competitors.

W. J. M. GORDON, MANUFACTURING CHEMIST,

LABORATORIES:

Eggleston Ave., Culvert and Fifth Streets, and Branch Street.

OFFICE AND WAREHOUSE:

142 WALNUT ST., CINCINNATI.

I solicit special attention to the following articles. I offer every advantage to
purchasers that can be obtained of any MANUFACTURER in this country.

Glycerin and Chemicals of all kinds; Medicinal Fluid and Solid Extracts;
Resinoids and Oleo-Resins; Packed Herbs, Roots and Barks; Pure Powdered
Drugs; Ground Drugs of all degrees of fineness for percolation or other use;
Sugar Coated Pills and Granules, Plasters, Ointments, Cerates, Syrups, Tinctures,
Wines and Pharmaceutical Preparations generally.

Special A liberal discount made according to amount purchased.

Special Quotations made for large quantities.

SUGAR COATED PILLS.

Of the U. S. Pharmacopoeia and from Receipts of Eminent Physicians.

Special We claim for our SUGAR-COATED PILLS the indispensable qualities of SOLUBILITY
and PERMANENCY. They are prepared of the best materials, and perfectly reliable.

		Price per bottle of	
		100 each.	500 each.
ACTD. ARSENIOS, 1-20, 1-30, 1-40, 1-50, 1-60 gr.....		\$40	\$1 75
ACONITIA, 1-60 gr.....		75	3 50
AGUE, { Chinoidin, 2 grs. Ext. Col. Co. 1/2 "			
{ Ol. Pip. Nig. 1/2 "		75	3 50
{ Ferri. Sulph. 1/2 "			
ALOE, U. S. P. { Pulv. Aloes Socot., 2 grs. " Saponis, 2 grs. }		40	1 75
" COMP., { Ext. Gent., 2-3 gr. Aloes Socot., 2-3 gr. U. S. P., Pulv. Rhel., 1-3 gr. " Ol. Carui, 1-5 gr. }		50	2 25
" et ASSAF., { Pulv. Aloes Socot., 1 1/3 grs. " Assafoetida, " "		40	1 75
" U. S. P., { Pulv. Saponis, " "			
" et FERRI, { " Aloes Socot., 1-2 gr. " Zingib. Jam., 1 gr. " Ferri Sulph. Exsic., 1 gr. " Ext. Conii, 1-2 gr. }		40	1 75
" et MASTICH, (Lady { Pulv. Aloes Socot., 1 1/2 gr. Webster's Dinner { Gum Mastich., 1-4 gr. Pills, 3 grs. { Flor. Ross., 1-4 gr. }		50	2 25
ALOE, et MYRRH { Pulv. Aloes Socot., 2 grs. " U. S. P., " Myrrhæ, 1 "		50	2 25
" { Croci Stigmat., 1-2 "			
" et NUX VOMICA, { Pulv. Aloes Soc. 1 1/2 grs. " Ext. Nux Vomica, 1/2 gr. }		50	2 25
ALTERATIVE, { Mass. Hydrargyri, 1 gr. " Pulv. Opii, 1-8 gr. " Ipecac., 1-8 gr. }		50	2 25

My facilities for the manufacture of Sugar Coated Pills and Granules are excelled by no house in the country, and for beauty of finish and reliability cannot be surpassed. By the aid of improved machinery, I am enabled to make Pills methodically correct in size and sphericity, and any process of salting employed is so conducted as to be perfectly uniform and well distributed, and the pills enveloped in a coating of pure sugar, thereby ensuring solubility and elegance.

Special and prompt attention given to the manufacture of private formulas for Pills, in lots of not less than three thousand each. As we have more than usual facilities for manufacturing pills, parties can rely always upon getting any private formulas entrusted to our care, promptly.

receipts are strictly confidential.

W. J. M. Gordon's Price List of Sugar-Coated Pills.

	Bottles of 100	500
AMMON. BROMID, 1 gr.....	75	3 50
AMMON VALERIANATE, 1 gr.....	1 50	7 25
ANDERSON'S SCOTS, {		
{ Pulv. Aloes Socot., 1 gr		
{ Sapon, Hispan., 1-8 gr	40	1 75
{ Fruct. Colocyn., 1-2 gr		
{ Gambogia, 1-4 gr		
{ Oleum Anisi., 1-8 gr		
ANTI-BILIOUS, { Pulv. Ext. Coloc. C. 2 1-2 grs.	60	2 75
(Vegetable) { Podophyllin, 1-4 gr.		
{ Strychnia, 1-40 gr.		
{ Ext. Belladonna, 1-10 "	1 00	4 75
ANTI-DYSPEPTIC, { Pulv. Ipecac., 2 "		
{ Mass. Hydrarg., 2 "		
{ Ext. Coloc. Co., 2 "		
ANTI-CHILL, { Chinoidine, 1 gr.		
{ Ferri Ferrocyan., 2 grs.	1 20	5 75
{ Ol. Piper Nig. 1 gr.		
{ Arsenia, 1-20 gr.		
ANTI-EPILEPTIC, { Iron Hydrocyanate, 1-2 gr.		
3 grs. { Valerianate Quinine, 1 "	6 00	29 75
{ Zinc, 1-2 "		
{ Ext. Valerian., 1 "		
{ Quina Sulph., 1 gr.		
ANTI-MALARIAL, { Ferri Sul. Exs., 1-4 "		
(McCaw) { Ol. Res. Pip. Nig., 1-16 "	2 25	11 00
{ Ac. Arsenica, 1-30 "		
{ Gelsemin., 1-4 "		
{ Podophyllin, 1-8 "		
ANTIMONI COMP. { Calomel	40	1 75
U. S. P., (Pil. Calo- { Oxy Sulph. Antimony, }		
mél Comp.) { Guaiacum Resin. }		
ANTHELMINTIC, { Santonin,	1 00	4 75
{ Calomel, aa, 1 gr. }		
{ Cinchona Sulph., 1 gr.		
{ Ferri Sulph. Exs., 1 gr.		
ANTI-PERIODIC, { Ol. Quassia, 1-2 "	1 00	4 75
{ " Rhei, 1-4 "		
{ Pulv. Myrrha, 2-3 "		
APERIENT..... { Ext. Nux. Vomica, 1-3 gr.		
{ " Hyoscyam., 1-2 "	90	4 25
{ Coloc. Comp., 2 "		
{ Pulv. Rhei, 1-4 gr.		
" Drysdale's { Aloe Socot., 1-4 "	60	2 75
{ Ipecac., 5-12 "		
{ Nuc. Vomica, 1-2 "		
" MILD..... { Ext. Coloc. Co., 1/2 gr.		
{ Pulv. Rhei, 2 "	50	2 25
{ Ext. Hyoscyami, 1-6 "		
{ Ol. Carl.		
APOCYNUM, 2 grs.....	70	3 25
ASAFOETIDA, U. S. P.....	40	1 75
" 2 grs.....	40	1 75
" COMP..... { Asafoetida, 2 grs.	40	1 75
{ Ferri Sulph. Ex., 1 "		
" et RHEI..... { Asafoetida, 1 gr.	75	3 50
{ Pulv. Rhei, 1 "		
{ Ferrum per Hyd., 1 "		
ATROPIA, 1-60 gr.....	75	3 50
BALLOU..... { Ext. Col. Comp., 1 gr.		
{ Jalapa, 1 "	75	3 50
{ Hyd'g. Chlor. Mit., 1 "		
{ Pulv. Ipecac., 1-8 "		
BELLADONNA EXT. (Eng.), 1/4 gr.....	40	1 75
" 1 gr.....	40	1 75
" 1/2 gr.....	60	2 75
BISMUTH SUB. CARB., 3 grs.....	75	3 50
" SUB-NIT., 3 grs.....	75	3 50
BISMUTH et NUX { Bismuth Sub. Carb. 4 grs.	1 50	25
VOMICA, { Ext. Nux. Vomica, 1/4 "		
{ " and NUX VOM. { Bismuth Subnit., 5 grs.	1 50	7 25
{ Ext. Nux Vom., 1/4 "		
{ " and IGNATIA { Bismuth Sub-Carb. 4 grs.	1 50	7 25
{ Ext. Ignatia Amara, 1/4 "		
CAFFEIN CITRAT., 1 gr.....	40	22 25
CALOMEL, 1-3 gr., 1 gr., 2 grs., 3 grs.....	40	1 75
" 5 grs.....	50	2 25
" COMP., { Calomel,		
(Plummer's) { Oxy Sulph. Antimony, }	40	1 75
3 grs. { Guaiacum Resin., }		
et IPECAC. COMP. { Calomel, 1 gr.		
{ Pow'd. Ipecac. Comp., 3 1-3 "	50	2 25
{ Ext. Gentiana, q. s.		

On receipt of TEN DOLLARS I will send to Physicians, Express Freight Prepaid, as follows:

SUGAR COATED PILLS, FLUID EXTRACTS, AND RESINOIDS.
As the purchaser may select, at List Price, amounting to \$15.00 I make this liberal offer as an inducement for those who have not used my articles to give them a trial.
A complete Price Current and Dose Book furnished on application. Pills sent by Mail in quantities not over 12 ounces.

W. J. M. Gordon's Price List of Sugar-Coated Pills.

		Bottles of 100	500
CALOMEL et OPIU	{ Calomel, 2 grs. } Opium, 1 " }	1 00	4 75
CALOMEL et RHEI	{ Calomel, 1-3 gr. } Ext. Rhei, 1-2 " }	75	3 50
	{ " Coloc. Co., 1-2 " } " Hyocyanin, 1-6 " }		
CAMPHOR et HYOS- CYAMUS.	{ Gum Camphor, 1 gr. } (Ext. Hyos. Eng. 1 " }	50	2 25
CAMPHOR COMP. 3 grs.	{ Gum Camphor, 1 gr. } Powd. Kino, 1 " }	90	4 25
	{ Ext. Capsicum, 1-16 " }		
CANNABIS INDICA	EXT., ¼ gr.	60	2 75
CATHARTIC COMP. U. S. P.	{ Ext. Coloc. Comp., 1½ gr. } " Jalapee, 1 " }	60	2 75
	{ Calomel, 1 " } Pulv. Gambogiae, 2-9 " }		
" (Vegetable).	{ Ext. Coloc. Simp., 1-3 " } Podophyllin, 1-4 " }	60	2 75
	{ Pulv. Res. Scam., 1-3 " } " Aloes Socot. 1-4 " }		
	{ Cardamomi, 1-9 " } " Saponis, 1-3 " }		
	{ Ext. Coloc. Comp. 1 " } " Jalapee, ½ " }		
CATHARTIC COMP. U. S. P., (Improved). 3 grs.	{ Podophyllin, ½ " } Leptandrin, ½ " }	60	2 75
	{ Ext. Hyoscyamus, ½ " } " Gentiane, ½ " }		
	{ Ol. Menth. Pip., }		
CAULOPHYLIN, 1-10 gr.		40	1 75
CERRI OXALAS, 1 gr.		1 00	4 75
CHAPMAN'S DINNER PILLS,	{ Pulv. Aloes Soc., } " Rhei Opt., }	60	2 75
	{ Gum Mastich, }		
CHINIDIN, 1 gr.		40	1 75
" 2 grs.		50	2 25
" Comp.	{ Chinidin, 2 grs. } Ferri Sulph. Exsic., 1 gr. }	1 00	4 75
	{ Oleo-resin, Pip. N. ½ gr. }		
CHIRETTA, EXT., 3 grs.		1 50	7 25
CIMICIFUGEN, 1-10 gr.		40	1 75
CINCHONA SULPHATE, 3 grs.		1 00	4 75
CINCHONIDA SULPH., ½ gr.		50	2 25
" " 1 " "		70	3 40
" " 2 " "		1 35	6 25
" " 3 " "		2 00	9 50
COCCIA	{ Res. Scammony Pure, 1 gr. } Pulv. Aloes Socot., 1½ " }	90	4 25
	{ " Colocynth, ½ " } Potass. Sulph., ½ " }		
	{ Ol. Caryoph., }		
CODIA, 1-16 gr.		3 05	15 00
COLOCYNTHIDIS COMP., 3 grs. (Extract Colocynth Comp., U. S. P.		80	3 75
COLOCYNTH et	{ Pulv. Ext. Coloc. Comp., 2 grs. }	75	3 50
HYDRARG et	{ Pil. Hydarg., 2 grs. }		
IPECAC.	{ Pulv. Ipecac., 1-6 gr. }		
COLOCYNTH et	{ Ext. Col. Co. 2½ grs. }	75	3 50
HYOSCYAMUS	{ Ext. Hyoscyamus 1½ " }		
	{ Pulv. Aloes Soc., 1 gr. } " Rhei, 1 gr. }	50	2 25
COOK'S, 3 grs.	{ Calomel, ½ gr. } Sapon. Hispan., ½ gr. }		
COPAIBA, U. S. P.	{ Pil. Copaiab., 3 grs. }	50	2 25
" Comp.	{ Resin Guaiac., }	80	3 75
	{ Ferri Cit., }		
	{ Oleo-Resin, Cubebae, }		
" et Ext. Cubebae,	{ Pil. Copaiab., 1 gr. } Oleo-Resin Cubebae, 1 gr. }	80	3 75
CORROSIVE SUBLIMATE, 1-12, 1-20, 1-30 and 1-40 grs.		40	1 75
DIGITALIN, 1-60 gr.		75	3 50
DIGITALIS COMP.,	{ Pulv. Digital. Eng., 1 gr. } " Scillae, 1 " }	50	2 25
	{ Potass. Nit., 2 " }		
DIURETIC,	{ Sapo Hispan. Pulv. 2 grs. } Sodae Carb. Exsic., 2 grs. }	50	2 25
	{ Ol. Baccae Junip. 1 drop. }		
DUPUYTREN,	{ Pulv. Guaiac., 3 grs. } Hydg. Chlor. Corros., 1-10 gr. }	50	2 25
	{ Pulv. Opi., ½ gr. }		

From the Lancet and Observer, Cincinnati.

"Practical Chemistry, so far as the preparation of standard drugs is implied, is being carried to a very high state of perfection in this city. For example, we recently visited the Laboratory of W. J. M. Gordon, and studied all its various arrangements and plans for manufacturing Chemicals. Mr. Gordon makes vast quantities of Glycerin, and to show the great change which is going on in many of these matters, we simply remark that Mr. Gordon pays over \$..... a year to one house in this city for refuse material for the manufacture of Glycerin, which formerly went out into the city sewers. So much for utilizing the waste products. In this Laboratory we also found attractive processes under full headway for the manufacture of Bromide of Potash, Hyd. Chloral and other Chemicals in particular demand. Physicians and Druggists from the country may find it worth while to look through this Laboratory and see what is doing. The proprietor will gladly make them welcome, and explain the details of his work."

W. J. M. Gordon's Price List of Sugar-Coated Pills.

	Bottles of 100	500
ELATERIUM (Clutterbuck's), 8-10 gr.....	1 00	4 75
EMMENAGOGUE, { Ferri Sulph., 1 1/2 gr. } { Aloe Socot. Pulv., 1 1/2 " } { Terobinth Alb., 1 1/2 " } { Ergotine, 1 gr. } { Ext. Hellebore Nig. 1 gr. } EMMENAGOGUE, { Aloes, 1 gr. } { Ferri Sul. 1 gr. } { Ol. Sabina, 1/2 gr. } FEL., BOVINUM, { Oz gall, 2 grs. } { Powd. Jam. Ginger, 1 gr. } FERRI (Quevenne's), 1 gr.....	40	1 75
"	50	2 25
"	75	3 50
" CARB. (Vallet's), U. S. P., 3 grs.....	40	1 75
" CITRATE, 2 grs.....	50	2 25
" COMP., U. S. P.....	40	1 75
FERRI FERROCYNANID, 3 grs.....	50	2 25
" IODID, 1 gr.....	65	3 00
" LACTAT., 1 gr.....	50	2 25
" PYROPHOSPHATE, 1 gr.....	40	1 75
" SULPH. EXSICCAT., 2 grs.....	40	1 75
" VALER., 1 gr.....	1 00	4 75
FERRI ET QUAS. { Fer per Hydrogen, 1 1/2 grs. } { Ext. Quassia, 1 gr. } { Nuc Vom., 1/2 gr. } { Pulv. Saponis, 1/2 gr. } FERRI ET QUINIA CIT., 1 gr.....	75	3 50
"	1 40	6 75
" ET STRYCHNIAE, { Strychnia, 1-60 gr. } { Fer. per Hydrog., 2 grs. } { Quevenne's, 2 grs. } { Strych. Cit. 1-50 gr. } { Ferri Cit. 1 gr. } { Galbanum, 11-2 gr. } { Pulv. Myrrh., 11-2 " } { Assafoetida, 11-2 " } GALBANIA COMP., U. S. P.....	75	3 50
"	50	2 25
GAMBOGIA COMP. { Pulv. Gambogia } { Aloe Socot. } { Zingib. Jam., } { Saponis, } { Ext. Gentian, 2-3 grs. } { Aloe Socot. 2-3 " } { Pulv. Rhei, 11-3 " } { Ol. Carui, 1-5 " } { Pulv. Cubebae, 1 gr. } { Bals. Copaiba Solid, 1 gr. } { Ferri Sulph. Exsicc., 1-2 " } { Terebinth, Venet., 11-2 " } GENTIAN COMP., { } GONORRHOEA.....	40	1 75
"	50	2 25
"	50	2 25
"	60	2 75
GELSEMIN, 1-16 gr.....	40	1 75
" 1-8 gr.....	50	2 25
HELONIN, 1-10 gr.....	50	2 25
HEPATICA, { Pil. Hydrag., 3 grs. } { Ext. Colocynth Comp., 1 " } { Hyoscyami, 1 " } { Aloes Socot., } { Ferri Sulph. Exsicc., } { Ext. Hellebor., } { Pulv. Myrrh., } { Saponis, } { Canellae, } { Zingib. Jam. } HOOPER (Female Pills), 2 1-2 grs.....	90	4 25
"	40	1 75
HYDRARGYRI, U. S. P., 3 grs.....	40	1 75
" 5 grs.....	50	2 25
" COMP., { Mass. Hydrag., 1 gr. } { Pulv. Opil., 1-2 " } { Ipecac., 1-4 " } HYDRARG., IODIDE, 1-4 gr.....	90	4 25
" 1-2 gr.....	40	1 75
" RUB., 1-16 gr.....	50	2 00
" IOD. et OPIL., { Hyd'g. Iodid., 1 gr. } { Pulv. Opil., 1-3 " } { Ricord's } HYDRASTIN, 1/2 gr.....	75	3 50
"	95	4 50
HYOSCINAMUS EXT. (Eng.) 1-2 gr.....	40	1 75
IGNATIA AMAR. EXT., 1-4 gr.....	50	2 25
IPECAC et OPIL. (Pulv. Doveri, U. S. P.) 1-5 grs.....	50	2 25
IPECAC et OPIL., 5 grs.....	65	3 00
IODIFORM., 1 gr.....	70	3 75
" et FERRI, { Ferrum per Hydrogen, 1 gr. } { Iodoform, 1 " } IRISIN COMP. { Irisin, 1-4 gr. } { Podophyllin, 1-10 " } { Strychnias, 1-40 " }	2 00	9 75
"	50	2 25

From Prof. John King, Editor American Eclectic Dispensatory, King's American Practice, &c.

"For the last five or six years I have made use of a considerable quantity of Glycerin manufactured by W. J. M. Gordon, of this city, for medicinal purposes, and I have no reason whatever for complaint, as it has in every instance answered the purpose admirably. I have likewise used in my practice the leading Eclectic preparations manufactured by him, as Resin of Mandrake or Podophyllin, Leptandrin, Iridin, Aletrin, Alcoholic Extracts of Black Cohosh, as well as several Fluid Extracts, and have been much pleased with their actions, as they have invariably fulfilled the indications for which they are prescribed. I therefore take great pleasure and satisfaction in recommending Mr. Gordon to the Eclectic profession as one among our many excellent manufacturers whose preparations may be relied upon."

JOHN KING, M. D.

[Signed,]

W. J. M. Gordon's Price List of Sugar-Coated Pills.

		Bottles of 100 500	
LEPTAND. COMP.	{ Leptandria, 1 gr. Irisin, 1/2 " Podophyllin, 1/2 " }	1 00	4 75
LEPTANDRIN, 1-8 gr.		40	1 75
" 1-4 gr.		40	1 75
" 1-2 gr.		50	2 25
" 1 gr.		75	3 50
LUPULIN, 3 grs.		40	1 75
MACROTIN, 1-10 gr.		40	1 75
MAGNESIÆ et RHEI, [1 gr. each].		40	1 75
MORPHIA ACET.	1-8	70	3 25
" SULPHATE	1-20 gr.	40	1 75
" "	1-10 gr.	60	2 75
" "	1-6 gr.	80	3 75
" "	1-4 gr.	70	3 25
" "	1-2 gr.	1 00	4 75
" VALERIAN,	1-8 gr.	1 00	4 75
MORPHIÆ COMP.	{ Morph. Sulph., 1-4 gr. Ant. et Pot. Tart., 1-4 " C. lomet, 1-4 " }	1 50	7 25
NEURALGIC.	{ Quinque Sulph., 2 grs. Morphia Sulph., 1-20 " Strychnus, 1-30 " }	3 00	14 75
Prof. S. D. Gross	{ Acid Arsenicus, 1-20 " Ext. Aconiti, 1-2 " }		
" [Gross],	without Morphia.	3 00	14 75
NEURALGIC,	{ Ext. Hyoscyam., 1/2 gr. Iodid., 1/2 " Iguas. Am., 1/2 " Opil., 1/2 " Aconiti, 1/2 " Cannab. Ind., 1/2 " Stramon., 1-6 " Belladonna, 1/2 " }	2 00	9 75
IDIOPATH.			
NUC. VOMICA EXT., 1-4 gr.		40	1 75
" 1-2 gr.		40	1 75
OPIU, U. S. P., 1 gr.		75	3 50
" et CAMPHORÆ	{ Pulv. Opil., 1 gr. Camphoræ, 2 " }	1 00	4 75
" et CAMPH. et	{ Pulv. Opil., 1-4 gr. Camphoræ, 1 " Acid Tannic, 2 grs. }	1 00	4 75
TANNIN,			
OPIU, et PLUMBI	{ Pulv. Opil., 1-2 gr. Plumbi Acet., 11-2 grs. }	75	3 50
ACET.,			
PHOSPHORUS, 1-50 gr.		1 00	4 75
" 1-100 "		1 00	4 75
" COMP.	{ Phosphorus, 1-100 gr. Ext. Nuc Vom., 1-4 " }	1 25	6 00
PHOSPHORUS,	{ Phosphorus, 1-100 gr. Ferri Carb. (Vallet's) 1 " Ext. Nuc Vomica, 1/2 " }	1 75	8 50
IRON & NUX			
VOMICA,			
PODOPHYLLIN, 1-10 gr.		40	1 75
" 1-4 gr.		40	1 75
PODOPHYLLIN, 1-2 gr.		50	2 25
" 1 gr.		75	3 50
PODOPHYLLIN	{ Podophyllin, 1-2 gr. Ext. Hyoscyami, 1-8 " Nuc. Vom., 1-16 " }	75	3 50
COMP.,			
PODOPHYLLIN et	{ Podophyllin, 1/2 gr. Ext. Bellad., 1/2 " Ol. Res. Capsici, 1/2 " Sacchari Lact., 1 gr. }	75	3 50
Belladonna			
PODOPHYLLIN	{ Podophyllin, 1/2 gr. Leptandrin, 1-16 " Juglandin, 1-16 " Macrotin, 1-32 " Ol. Capsici, 1 gr. }	75	3 50
COMP.			
" (Etiætic.)			
PODOPHYLLIN et	{ Podophyllin, 1/2 gr. Ext. Hyoscyamus, aa 1/2 gr. }	60	2 75
HYOSCYAMUS,			
" et HYDRARG.	{ Podophyllin, 1-4 gr. Pil. Hydrarg., 2 " }	50	2 25
POTASS. BROMID., 1 gr.		75	3 50
" 5 grs.		1 25	6 00
" IODID., 2 grs.		85	4 00
" PERMAN. CRYST., 1-8 gr.		50	2 25
QUINÆ SULPH., 1-2 gr.		85	4 00
" 1 gr.		1 40	6 75
" 2 grs.		2 75	13 50
" 3 grs.		4 00	19 75

From the Chicago Price Current and Chemical Repository:—Prof. H. D. Garrison, Editor.

" A few weeks ago we had the pleasure of visiting the large manufacturing establishment of W. J. M. Gordon, of Cincinnati. Mr. Gordon, long noted as the leading manufacturer of Glycerin in this country, is producing a perfectly odorless, colorless, concentrated and absolutely chemically pure Glycerin, all of which he warrants, and we must say that the specimen shown us, which was taken from the common stock as it flowed from the still, fully corroborates his statement. We can not conceive any good reason for importing Glycerin, much of which is very impure, when as perfect an article is produced by our neighbor, and offered at prices far below what an imported brand can be sold for of the same quality."

W. J. M. Gordon's Price List of Sugar-Coated Pills.

	Bottles of 100	500
QUININE VALERIANATE, 1-2 gr.....	2 00	9 75
" " 1 gr.....	3 50	17 25
" " 2 grs.....	4 00	19 50
" COMP..... { Quinine Sulph., 1 gr.....	1 75	8 50
" " { Ferri per Hydrogen, 1 gr.....	1 75	8 50
" " { Acid. Arsenous, 1 gr.....	1 75	8 50
QUININE et COLO- { Quinine Sulph., 1 gr.....	1 75	8 50
" " { Ext Col. Comp., 1 gr.....	1 75	8 50
CYNTH. COMP.. { Ignat. Amar., 1-2 gr.....	2 25	11 00
" " { Piperine, 1-2 gr.....	2 25	11 00
QUININE et EXT. BEL- { Morph. Sulph., 1-12 gr.....	1 75	8 50
" " { Quinine Sulph., 1 gr.....	1 75	8 50
LIDONNE. { Ext. Belladon., 1 gr.....	1 75	8 50
QUININE et FERRI { Quinine Sulph., 1 gr.....	1 75	8 50
" " { Ferri Carb. (Vallet's), 2 grs.....	1 75	8 50
CARB. { Quinine Sulph., 1 gr.....	1 75	8 50
" " { Ferri Ferroc., 1 gr.....	1 75	8 50
QUININE et FERRI FER- { Oleo-Res. Capsici 1-20 gr.....	2 25	11 00
" " { Gelsemin, 1-20 gr.....	2 25	11 00
ROCYAN., { Podophyllin, 1-20 gr.....	2 25	11 00
" " { Strychnia, 1-60 gr.....	2 25	11 00
QUININE et FERRI { Quinine Sulph., 1 gr.....	1 75	8 50
" " { Ferrum per Hydrogen, 1 gr.....	1 75	8 50
QUININE et FER- { Quinine Sulph., 1 gr.....	1 75	8 50
" " { Ext. Ignat. Amar., 1 gr.....	1 75	8 50
RI LACT. { Ferri Lactat., 1 gr.....	1 75	8 50
" COMP. { Quinine Sulph., 1 gr.....	1 75	8 50
" " { Ferri Carb. (Vallet's), 2 grs.....	1 75	8 50
STRYCH- { Strych. Sulph., 1-60 gr.....	1 75	8 50
" " { Phos. Quinine, 1 gr.....	1 75	8 50
QUININE et FERRI { Iron, 1 gr.....	1 75	8 50
" " { Strych. 1-60 gr.....	1 75	8 50
et STRYCH PHOS. { Strych. 1-60 gr.....	1 75	8 50
QUININE, IO- { Iodoform, 1 gr.....	3 00	14 75
DOFORM & { Ferri Carb. (Vallet's) 2 gr.....	3 00	14 75
IRON, { Quinine Sulph., 1 gr.....	3 00	14 75
Quinine, Valerianate, 1/2 gr.....	3 00	14 75
" et FERRIVALER, 2 grs.....	3 50	17 25
" " { Quinine Sulph., 1 gr.....	1 75	8 50
et HY- { Mass. Hydrarg., 2 gr.....	1 75	8 50
DRARG. { Oleo-Resin, Hip. Nig., 1-4 gr.....	1 75	8 50
" " { Quinine Sulph., 1 gr.....	1 75	8 50
et STRYCHNIA, { Strychnia, 1-60 gr.....	1 75	8 50
" " { Quinine Sulph., 1 gr.....	1 75	8 50
et ZINCI. VALER. { Zinci. Valer. 1 gr.....	4 00	19 75
RHEI, U. S. P., { Pulv. Rhei, 3 grs.....	75	3 50
" " { Saponis, 1 gr.....	75	3 50
RHEI, COMP., U. S. P. { Pulv. Rhei, 2 grs.....	75	3 50
" " { Aloes Socot., 1 1/2 grs.....	75	3 50
" " { Myrrh., 1 gr.....	75	3 50
" " { Ol. Menth. Pip., 1 gr.....	75	3 50
" et HYDRARG. { Pulv. Rhei, 4 grs.....	4 75	
" " { Mass. Hydrarg., 4 grs.....	4 75	
" " { Soda Carb. Ex., 4 grs.....	4 75	
SANTONIN, 1 gr.....	1 00	4 75
RHEUMATIC, { Ext. Coloc. Co., 1 1/2 gr.....	90	4 25
" " { Colchi Acet., 1/2 gr.....	90	4 25
" " { Hyoscyami, 1/2 gr.....	90	4 25
" " { Hyd. Chlor. Mit., 1/2 gr.....	90	4 25
SCILLAE COMP., U. S. P., { Pulv. Scillae, 1/2 gr.....	50	2 25
" " { Zin. Jamaica, 1 gr.....	50	2 25
" " { Gum Ammoniac, 1 gr.....	50	2 25
" " { Pulv. Saponis, 1 1/2 gr.....	50	2 25
SILVER NITRATE, 1-4 gr.....	75	3 50
STOMACHICÆ (Lady { Pulv. Aloes Socot., 1 gr.....	50	2 25
" " { Webster's Dinner { Gum Mastich., 1 gr.....	50	2 25
" " { Pills, 3 grs.....	50	2 25
" " { Flor. Rosae, 1 gr.....	50	2 25
STRYCHNINE, 1-20, 1-30, 1-40, 1-50, 1-60 gr.....	40	1 75
" " { Potass. Iodid., 2 1-2 grs.....	40	1 75
SYPHILITIC..... { Hyd'g. Chlor. Cor., 1-40 gr.....	1 00	4 75
TART. EMETIC, 1-20, 1-10, 1-4 gr.....	40	1 75
TRILLIN, 1-10 gr.....	50	2 25
TRIPLEX, { Aloes Socot., 2 grs.....	75	3 50
" " { Pil. Hydrarg., 1 gr.....	75	3 50
" " { Podophyllin, 1/2 gr.....	75	3 50
VERATRIA SULPHATE, 1-12 gr.....	50	2 25
ZINCI VALERIANATE, 1 gr.....	1 00	4 75

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" Buchu.....	10 00	16 50
" Comp.....	10 00	16 50
" and P. Hiera Brava.....	8 50	12 00
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" " " and Bismuth.....	14 00	24 00
" " " Bismuth, Strychnia and Iron.....	14 00	24 00
" " " Iron and Bismuth.....	14 00	24 00
" " " and Pancreatine.....	9 00	15 00
" " " and Bismuth.....	11 20	18 00
" " " Quinine.....	13 20	21 00
" " " Strychnine.....	9 00	15 00
" " " ferrated.....	13 00	21 00
" " " Strychnia and Pancreatine.....	13 00	21 00
" " " Bismuth and Pancreatine.....	13 00	21 00
" " " and Wafer ash.....	11 20	18 00
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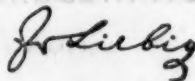
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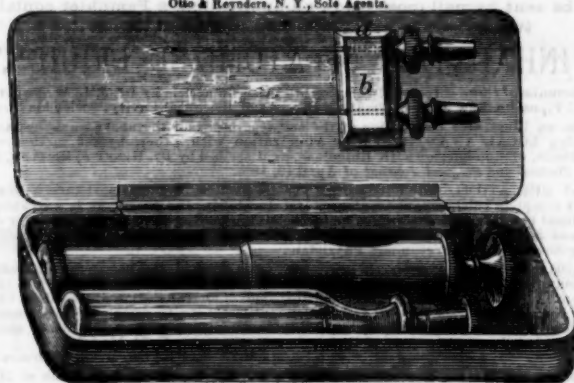
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{ Mass. Hydrarg., 1 gr. }		" Canello, }	
Pv. Opil., }	50	" Zingib Jam, }	
" Ipecac, 12 1-8 gr. }		HYDRARGYRI—3 grs.	40
ANDERSON SCOTS		IPECAC et OPIL.—2½ grs.	50
{ Pv. Soc. Aloes, }		{ Irish, ½ gr. }	
" Saponis, }		" Podophyllin, 1-10 gr. }	50
" Fract. Colocynth, }	40	{ Strychnia, 1-40 gr. }	
" Gamboge, }		PODOPHYLL et HYDRARG.	
Ol. Anisi, }		{ Podophyllin, ¼ gr. }	50
ASSAFETIDA, U. S. P.,	40	{ Mass. Hydrarg., 2 grs. }	
ASSAFETIDA, COMP.		GRANULES.	
{ Assafetida, 2 gr. }	40	AC. Arsenious, 1-20, 1-30, 1-50 grs.	40
Ferri Sulph. Exs. 1 gr. }	40	CORROSIVE SUBLIMATE, 1-12, 1-20, 1-40 grs.	40
CALOMEL, —2 grs.	40	EXT. Belladonna, Eng. ¼ gr.	40
CAMPHOR et HYOSCYAMUS.		" Ignatia Am., ¼ gr.	50
{ Camphor, 1 gr. }		" Hyoscyamus, (Eng) ½ gr.	40
{ Ext. Hyoscyamus, (Eng) 1 gr. }	50	" Nuc. Vom. ½ gr.	50
CHINOIDIN, —1 gr.	40	LEPTANDRIN, ¼ gr.	40
COOKS.		MERCURY, Iod., ¼ gr.	40
{ Pv. Soc. Aloes, 1 gr. }		" Red, 1-10 gr.	40
" Rhei, 1 "	50	PODOPHYLLIN, 1-10 gr.	40
Calomel, ½ "		" ¼ gr.	40
Pv. Saponis, ½ "		STRYCHNIA, 1-16, 1-20, 1-30, 1-32, 1-40, 1-60, gr.	40

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Yours, very respectfully,

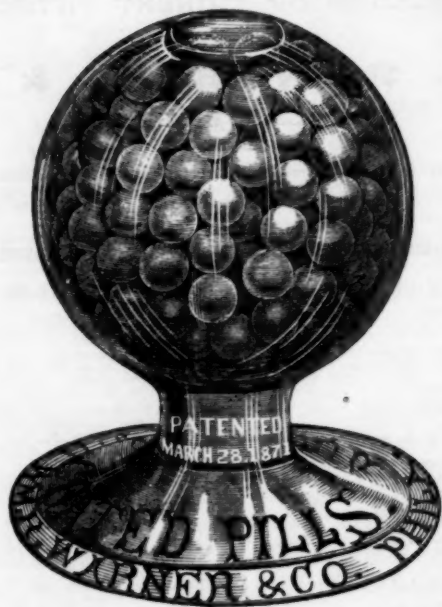
JOHN M. MAISCH, U. S. Army Laboratory.
(Now Professor in Phila. College of Pharmacy.)

Jan. 10, 1853.

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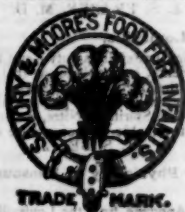
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But one grade of these articles is made here, and that the strictly official article. They are prepared with the greatest care and put up in sealed packages, which may be regarded as our guarantee (see special note on first page) that the contents are of the best character, and will stand any chemical test and any reasonable exposure to which they may be subjected. Hoffman's Anodyne. Per lb. \$2.50.

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This preparation is already familiar to medical practitioners as an efficient and agreeable form for administering the bark. The tonic and anti-intermittent properties of the cinchona barks are well established, and they possess but one drawback in their extreme bitterness. This has been overcome to a great extent in the Elixir Calisaya, which, representing twelve grains of calisaya bark in the fluid ounce, is so combined with other ingredients as to make it an agreeable cordial, acceptable to the most delicate stomach. To persons suffering from dyspepsia, indigestion, general debility from sickness or other causes, etc., it will prove invaluable. It will be found one of the best, and at the same time harmless, preventives for fever and ague to persons exposed to its influence. Per doz. pints, \$9.00.

ELIXIR CALISAYA FERRATUM.

This valuable Tonic Elixir combines the remedial properties of five grains of Peruvian bark and two grains pyrophosphate of iron, in each tea-spoonful combined with aromatics. The elegant form in which these tonics are exhibited, freedom from the chalybeate taste of similar preparations, and its permanency will recommend it to physicians and consumers. Per doz. pints, \$9.00.

ELIXIR CALISAYA FERRATUM WITH STRYCHNIA.

This valuable tonic and antiperiodic Elixir contains in each fluid drachm (tea-spoonful) the remedial properties of five grains cinchona calisaya, two grains pyrophosphate iron, and one one-hundredth grain strychnia, with sufficient aromatics to free it from the chalybeate taste common in similar preparations, which, with its permanency, will recommend it to both physician and consumer.

To persons suffering from nervous prostration, symptoms of paralysis, anæmia, arising from diseases peculiar to females, or general debility from any cause whatever, it will commend itself as a general therapeutic agent. It also forms one of the most effective remedies ever used to prevent the recurrence of intermittent attacks when the chill is broken. Per doz. pints, \$9.00.

ELIXIR CALISAYA FERRATUM WITH BISMUTH.

Each fluid drachm (tea-spoonful) of this valuable tonic contains the remedial properties of five grains cinchona calisaya bark, two grains pyrophosphate iron, and two grains ammonia citrate bismuth, with aromatics sufficient to render it palatable to a delicate stomach.

It is valuable in cases of anemia, chlorosis, and when a general tonic is required; and especially so when such cases are complicated with dyspepsia, irritable condition of the stomach and bowels, or chronic diarrhea. Per doz. pints, \$9.00.

ELIXIR CALISAYA FERRATUM WITH BISMUTH AND STRYCHNINE.

Each fluid drachm (tea-spoonful) of this valuable tonic and antiperiodic contains the remedial properties of five grains cinchona calisaya bark with two grains of pyrophosphate iron, two grains ammonia citrate bismuth, and one one-hundredth grain strychnine with aromatics.

To persons suffering from nervous prostration, intermittent attacks, symptoms of paralysis, anemia arising from diseases peculiar to females or general debility, when complicated with dyspepsia, irritable condition of the stomach and bowels, diarrhea, etc., this Elixir will commend itself as a valuable therapeutic agent. It is especially valuable as an antiperiodic to prevent the return of intermittent attacks when once broken. Per doz. pints, \$9.00.

ELIXIR OF PEPSIN, BISMUTH, AND STRYCHNINE.

This agreeable preparation, although adapted to any form of dyspepsia, is especially valuable in cases where this disease is complicated with general debility.

Each fluid drachm (tea-spoonful) contains five grains pepsin, one one-hundredth grain strychnine, one grain ammonia citrate bismuth, with aromatics. Per doz. pints, \$15.00.

FERRATED WINE OF WILD-CHERRY.

Each dessert-spoonful of this valuable and agreeable sedative tonic contains the medicinal properties of thirty grains of wild-cherry bark and eight grains citrate of iron.

It is especially valuable where the system requires the tonic effect of iron, with an arterial sedative. Per doz. pints, \$9.00.

WINE OF PEPSIN.

Wine of Pepsin carefully prepared from fresh calves' rennets. Each fluid ounce contains five grains of pepsin in solution in pure old Sherry wine. Per doz. pints, \$15.00.

SYRUP PHOSPHATE IRON, QUININE, AND STRYCHNINE.

A powerful general tonic, stomachic, readily-assimilable chalybeate, well adapted to certain chlorotic and anæmic states, used in morbid conditions of the nervous system, chronic diseases of the kidneys, many forms of cutaneous diseases where a tonic effect is desired, and in cases of strumous children threatened with scrofulous degeneration, and ultimately with localized tubercular development. One grain of phosphate iron, one grain phosphate quinia, and one thirty-second grain phosphate strychnia to the drachm (tea-spoonful) of syrup. Per doz. lbs. \$15.00.

SPIRITUS ÆTHERIS NITRICI.

Sweet Spirits of Nitre has fallen into disuse with many practitioners in consequence of its liability to decomposition. This is owing either to want of care in its manufacture, or, as is too often the case, from fraudulent additions of water to decrease its price. Water is injurious not only as a diluent, but is a most efficacious promoter of decomposition.

We have samples of this article, manufactured by us more than two years ago, which have remained until now unchanged, although frequently exposed to light and air. Our Spts. Nit. Dulce contains five per cent. of pure ether. Per lb. in 5 lb. packages, 35 cts.

CAUTION!

As close imitations of our preparations are in the market, in ordering our goods of others specify

LOUISVILLE CHEMICAL WORKS,

and see that the SIGNATURE OF OUR MANUFACTURING CHEMIST IS WRITTEN ACROSS EACH LABEL.

Physicians and druggists failing to obtain our preparations through dealers will be furnished by us at the lowest market price, with freight prepaid, on notifying us of the fact.

ESTABLISHED 1846.

Silver Medal awarded by Ohio Mechanics' Institute, 1860.

Large Silver Medal awarded by Cin. Industrial Exposition, 1870.

FIRST PREMIUM awarded by Cincinnati Industrial Exposition, 1872,
FOR BEST GLYCERIN.

FIRST PREMIUM awarded by Cincinnati Industrial Exposition, 1873,
FOR BEST GLYCERIN.

Special Premium awarded for Sugar Coated Pills.

All the above Premiums were awarded for superiority of my articles over those
of other competitors.

W. J. M. GORDON, MANUFACTURING CHEMIST,

LABORATORIES:

Egleston Ave., Culvert and Fifth Streets, and Branch Street.

OFFICE AND WAREHOUSE:

142 WALNUT ST., CINCINNATI.

I solicit special attention to the following articles. I offer every advantage to
purchasers that can be obtained of any MANUFACTURER in this country.

Glycerin and Chemicals of all kinds; Medicinal Fluid and Solid Extracts;
Resinoids and Oleo-Resins; Packed Herbs, Roots and Barks; Pure Powdered
Drugs; Ground Drugs of all degrees of fineness for percolation or other use;
Sugar Coated Pills and Granules, Plasters, Ointments, Cerates, Syrups, Tinctures,
Wines and Pharmaceutical Preparations generally.

**** A liberal discount made according to amount purchased.*

**** Special Quotations made for large quantities.*

SUGAR COATED PILLS.

Of the U. S. Pharmacopœia and from Receipts of Eminent Physicians.

******* We claim for our SUGAR-COATED PILLS the indispensable qualities of SOLUBILITY
and PERMANENCY. They are prepared of the best materials, and perfectly reliable.

		Price per bottle of	
		100 each.	500 each.
ACID, ARSENIOS, 1-30, 1-30, 1-40, 1-50, 1-60 gr.....		\$ 40	\$1 75
ACONITIA, 1-60 gr.....		75	3 50
AGUE, { Chinoidin, 2 grs. } { Ext. Col. Co. 1/2 " } { Ol. Pip. Nig. 1/2 " } { Ferri. Sulph. 1/2 " }		75	3 50
ALOES, U. S. P. { Pulv. Aloes Scot., 2 grs. } { " Saponis, 2 grs. }		40	1 75
" COMP., { Ext. Gent., 2-3 gr. } { Aloes Scot., 2-3 gr. } U. S. P., { Pulv. Rhel., 11-3 gr. } { Ol. Carui, 1-5 gr. }		50	2 25
" et ASSAF., { Pulv. Aloes Scot., 11-3 grs. } { Assafetida, " " }		40	1 75
U. S. P., { Pulv. Saponis, " " }			
" et FERRI, { " Aloes Scot., 1-2 gr. } { " Zingib. Jam., 1 gr. } { Ferri Sulph. Exsic., 1 gr. } { Ext. Conil., 1-2 gr. }		40	1 75
" et MASTICH, { Lady (Pv. Al. Scot., 11-2 gr. } { Webster's Dinner, Gum Mastich., 1-4 gr. } { Pills, 3 grs. { Flor. Rose., 1-4 gr. }		50	2 25
ALOES, et MYRRH { Pulv. Aloes Scot., 2 grs. } U. S. P., { " Myrrh., 1 " } { Croci Stigmat., 1-2 " }		50	2 25
" et NUX VOMICA, { Pulv. Aloes Soc., 1 1/2 grs. } { Ext. Nux Vomica, 1/2 gr. }		50	2 25
ALTERNATIVE { Mass. Hydrargyri, 1 gr. } { Pulv. Opil., 1-6 gr. } { " Ipecac., 1-8 gr. }		50	2 25

My facilities for the manufacture of Sugar Coated Pills and Granules are excellent by no house in the country, for the beauty of finish and the perfect uniformity of the pills. By the use of the latest machinery I am enabled to make Pills mathematically correct in size and sphericity, and my process (alone employed by me) in coating, whereby the use of gums and resins is discarded, and the pills enveloped in a coating of pure sugar, thereby ensuring solubility and elegance.

Special and prompt attention given to the manufacture of private Formulas for Pills, in lots of not less than three thousand each. As we have more than usual facilities for manufacturing pills, parties can rely always upon getting any private Formulas entrusted to our care, promptly. All such receipts are strictly confidential.

W. J. M. Gordon's Price List of Sugar-Coated Pills.

	Bottles of 100	1 gr.
AMMON. BROMID, 1 gr.	75	3 50
AMMON VALERIANATE, 1 gr.	1 60	7 25
ANDERSON'S SCOTS,		
{ Pulv. Aloes Socot., 1 gr		
{ Sapon. Hispan., 1-5 gr		
{ Fruct. Colocyn., 1-2 gr	40	1 75
{ Gambogia, 1-4 gr		
{ Oleum Anisi, 1-5 gr		
ANTI-BILIOUS, { Pulv. Ext. Coloe. C. 2 1-2 grs.		
(Vegetable) { Podophyllin, 1-4 gr.	60	2 75
{ Strychnia, 1-10 "		
ANTI-DYSPEPTIC, { Pulv. Ipecac.		
{ Mass. Hydragr., 2 "	1 00	4 75
{ Ext. Coloe. Co., 2 "		
ANTI-CHILL, { Chinoidine, 1 gr.		
{ Ferri Ferrocyan., 2 grs.	1 20	5 75
{ Op. Piper Nig. 1 gr.		
{ Arsenic, 1-20 gr		
ANTI-EPILEPTIC { Iron Hydrocyanate, 1-2 gr.		
3 grs. { Valerianate Quinine, 1 "		
{ Zinc, 1-3 "	6 00	29 75
{ Ext. Valerian., 1 "		
{ Quinine Sulph., 1 gr.		
{ Ferri Sul. Exs., 1-4 "		
ANTI-MALARIAL, { Ol. Res. Pip. Nig., 1-16 "		
(McCaw) { Ac. Arsenic., 1-80 "	25	11 00
{ Gelsemin., 1-4 "		
{ Podophyllin, 1-8 "		
ANTIMONY COMP., { Calomel		
U. S. P., (Pil. Calomel Comp.) { Oxysulph. Antimony, 40	1 75	
{ Guaiacum Resin.		
ANTHELMINTIC, { Santonin,	1 00	4 75
{ Calomel, aa, 1 gr.		
{ Cnechone Sulph., 1 gr.		
{ Ferri Sulph. Exsic., 1 "		
ANTIPERIODIC, { Ext. Quassia, 1-2 "	1 00	4 75
{ Rhei, 1-4 "		
{ Pulv. Myrrh., 2-3 "		
APERIENT..... { Ext. Nux. Vomica, 1-3 gr.		
{ Hyoscyam., 1-2 "	90	4 25
{ Coloc. Comp., 2 "		
{ Pulv. Rhei, 1-4 gr.		
{ Aloe. Socot., 1 1-4 "		
{ Ipecac., 5-12 "	60	2 75
{ Nuc. Vomica, 1-2 "		
{ Ext. Coloc. Co. 2 1/2 gr.		
{ Pulv. Rhei, 2 "		
{ Ext. Hyoscyami, 1-6 "	50	2 25
{ Ol. Cari.		
APOCYNUM, 2 grs.	70	3 25
ASAFOETIDA, U. S. F.	40	1 75
" 2 grs.	40	1 75
" COMP..... { Asafoetida, 2 grs.	40	1 75
{ Ferri Sulph. Ex., 1 gr.		
{ Asafoetida, 1 gr.		
{ Pulv. Rhei, 1 "	75	3 50
{ Ferrum per Hyd., 1 "		
ATROPIA, 1-60 gr	75	3 50
{ Ext. Col. Comp., 1 gr.		
{ Jalape., 1 "		
{ Hyd'g. Chlor. Mit., 1 "	75	3 50
{ Pulv. Ipecac., 1-8 "		
BELLADONNA EXT. (Eng.), 1/4 gr.	40	1 75
{ Asafoetida, 2 grs.	40	1 75
{ Ferrum per Hyd., 1 gr.	60	2 75
BISMUTH, SUB. CARB., 3 grs.	75	3 50
" SUB-NIT., 3 grs.	75	3 50
BISMUTH ET NUX { Bismuth Subcarb. 4 grs.	1 50	2 25
{ VOMICA, { Ext. Nux. Vomica, 1/4 "		
{ Bismuth Subnit., 5 "	1 50	7 25
{ Ext. Nux Vom., 1 gr.		
{ Bismuth Subcarb., 4 grs.	1 50	7 25
{ Ext. Ignatia Amara, 1/4 "		
CAFFEIN CITRAT., 1 gr.	50	2 25
CALOMEL, 1-2 gr., 1 gr., 2 grs., 3 grs.	40	1 75
{ 5 grs.	50	2 25
{ Comp., { Calomel		
{ Plummer's) { Oxysulph. Antimony,	40	1 75
{ 3 grs. { Guaiacum Resin.,		
{ Calomel, 1 gr.		
{ et IPECAC. { Pow'd. Ipecac. Comp., 3 1-3 "	50	2 25
{ COMP. { Ext. Gentiana, q. s.		

On receipt of TEN DOLLARS I will send to Physicians, Express Freight Prepaid, as follows:

SUGAR COATED PILLS,
FLUID EXTRACTS,

As the purchaser may select, at List Price, amounting to \$15.00 I make this liberal offer as an inducement for those who have not used my articles to give them a trial.

W. J. M. Gordon's Price List of Sugar-Coated Pills.

		Bottles of 100	500
CALOMEL et OPII	{ Calomel, 2 grs. } Opium, 1 " }	1 00	4 75
CALOMEL et RHEI	{ Calomel, 1-3 gr. } Ext. Rhei, 1-3 " } " Coloc. Co., 1-3 " } " Hyocyami, 1-6 " }	75	3 50
CAMPHOR et HYOS- CYAMUS.	{ Gum Camphor, 1 gr. } Ext. Hyos. Eng. 1 " }	50	2 25
CAMPHOR COMP. 3 grs.	{ Gum Camphor, 1 gr. } Powd. Kino, 1 " } Powd. Opium, 1 " } Ext. Capsicum, 1-16 " }	90	4 25
CANNABIS INDICA	EXT., 1/4 gr.	60	2 75
CATHARTIC COMP. U. S. P.	{ Ext. Coloc. Comp., 1 1/2 gr. } " Jalapa, 1 " } Calomel, 1 " } Pulv. Gambogin, 2-9 " } Ext. Coloc. Simp., 1-3 " } Podophyllin, 1-4 " } Pulv. Res. Scam., 1-3 " } " Aloes Socot. 1-4 " } " Cardamomi, 1-3 " } " Saponia, 1-3 " } Ext. Coloc. Comp. 1 gr. } " Jalapa, 3/4 " } Podophyllin, 3/4 " } Leptandrin, 3/4 " } Ext. Hyocyamus, 3/4 " } " Gentiana, 3/4 " } Ol. Ment. Pip., 3/4 " }	60	2 75
CATHARTIC COMP. U. S. P., (Improved). 3 grs.	{ Ext. Coloc. Comp., 1 1/2 gr. } " Jalapa, 1 " } Calomel, 1 " } Pulv. Gambogin, 2-9 " } Ext. Coloc. Simp., 1-3 " } Podophyllin, 1-4 " } Pulv. Res. Scam., 1-3 " } " Aloes Socot. 1-4 " } " Cardamomi, 1-3 " } " Saponia, 1-3 " } Ext. Coloc. Comp. 1 gr. } " Jalapa, 3/4 " } Podophyllin, 3/4 " } Leptandrin, 3/4 " } Ext. Hyocyamus, 3/4 " } " Gentiana, 3/4 " } Ol. Ment. Pip., 3/4 " }	60	2 75
CAULOPHYLIN, 1-10 gr.		40	1 75
CERRI OXALAS, 1 gr.		1 00	4 75
CHAPMAN'S DINNER PILLS.	{ Pulv. Aloes Soc., } " Rhei Opt., }	60	2 75
CHINOIDIN, 1 gr.		40	1 75
" 2 grs.		50	2 25
" Comp.	{ Chinoidin, 2 grs. } Ferri Sulph. Exsic., 1 gr. } Oleo-resin, Pip.N. 1/2 gr. }	1 00	4 75
CHIRETTA, EXT., 3 grs.		1 50	7 25
CIMICIFUGEN, 1-10 gr.		40	1 75
CINCHONA SULPHATE, 3 grs.		1 00	4 75
CINCHONIDIA SULPH., 1/2 gr.		50	2 25
" " 2 "		70	3 40
" " 3 "		35	6 25
" " 3 "		00	9 50
COCCIA	{ Res. Scammony Pure, 1 gr. } Pulv. Aloe Socot., 1 1/2 " } " Colocynth, 1 1/2 " } Potass. Sulph., 1/2 " } Ol. Caryoph., 1/2 " }	90	4 25
CODIA, 1-16 gr.		3 05	15 00
COLOCYNTHIDIS COMP., 3 grs. (Extract Colocynth Comp. U. S. P.)		80	3 75
COLOCYNTH et HYDRARG et IPECAC.	{ Pulv. Ext. Coloc. Comp., 2 grs. } Pil Hidrarg., 2 grs. } Pulv. Ipecac., 1-6 gr. }	75	3 50
COLOCYNTH et HYOSCYAMUS	{ Ext. Col. Co. 2 1/2 grs. } Ext. Hyocyamus 1 1/2 " }	75	3 50
COOK'S, 3 grs.	{ Pulv. Aloes Soc., 1 gr. } " Rhei, 1 gr. } Calomel, 1/2 gr. } Sapon. Hispan., 1/2 gr. }	50	2 25
COPAIBE, U. S. P., 3 grs.		50	2 25
" Comp.,	{ Pil. Copaihee, } Resin Guaiac., } Ferri Cit., } Oleo-Resin. Cubebe, }	80	3 75
" et Ext. Cubebe,	{ Pil. Copaihee, 1 gr. } Oleo-Resin Cubebe, 1 gr. }	80	3 75
CORROSIVE SUBLIMATE, 1-12, 1-20, 1-30 and 1-40 grs.		40	1 75
DIGITALIN, 1-60 gr.		75	3 50
DIGITALIS COMP.,	{ Pulv. Digital. Eng., 1 gr. } " Scilla, 1 " } Potass. Nit., 2 " }	50	2 25
DIURETIC,	{ Sapo Hispan. Pulv. 2 grs. } Sodae Carb. Exsic. 2 grs. } Ol. Baccae Junip. 1 drop. }	50	2 25
DUPUYTREN,	{ Pulv. Guaiac, 3 grs. } Hydg. Chlor. Corros., 1-10 gr. } Pulv. Opi, 1/2 gr. }	50	2 25

From the Lancet and Observer, Cincinnati.

"Practical Chemistry, so far as the preparation of standard drugs is implied, is being carried to a very high state of perfection in this city. For example, we recently visited the Laboratory of W. J. M. Gordon, and studied all its various arrangements and plans for manufacturing Chemicals. Mr. Gordon makes vast quantities of Glycerin, and to show the great change which is going on in many of these matters, we simply remark that Mr. Gordon pays over \$..... a year to one house in this city for refuse material for the manufacture of Glycerin, which formerly went out into the city sewers. So much for utilizing the waste products. In this Laboratory we also found attractive processes under full headway for the manufacture of Bromide of Potash, Hyd. Chloral and other Chemicals in particular demand. Physicians and Druggists from the country may find it worth while to look through this Laboratory and see what is doing. The proprietor will gladly make them welcome, and explain the details of his work."

W. J. M. Gordon's Price List of Sugar-Coated Pills.

	Bottles of 100	500
ELATERIUM (Clutterbuck's), 1-10 gr.....	1 00	4 75
EMMENAGOGUE, { Ferri Sulph., 1 1/2 gr. } (Mutter) { Aloe Socot. Pulv., 1 1/2 " } { Terebinth Alb., 1 1/2 " }	40	1 75
EMMENAGOGUE, { Ergotine, 1 gr. } { Ext. Hellebore Nig. 1 gr. } { Aloes, 1 gr. } { Ferri Sul., 1 gr. } { Ol. Sabina, 1/2 gr. }	1 40	6 75
FEL., BOVINUM, { Os gall, 2 grs. } { Powd. Jam. Ginger, 1 gr. }	50	2 25
FERRI (Quevenne's), 1 gr.....	50	2 25
" " 2 grs.....	75	3 50
" CARB. Vallett's, U. S. P., 3 grs.....	40	1 75
" CITRATE, 2 grs.....	50	2 25
" COMP., U. S. P.....	40	1 75
FERRI FERROCYANID., 3 grs.....	50	2 25
" IODID., 1 gr.....	65	3 00
" LACTAT., 1 gr.....	50	2 25
" PYROPHOSPHATE, 1 gr.....	40	1 75
" SULPH. EXSICCAT., 2 grs.....	40	1 75
" VALER., 1 gr.....	1 00	4 75
FERRI ET QUAS. { Fer per Hydrogen, 1 1/2 grs. } et Nuc. Vom. { Ext. Quassia, 1 gr. } { Nux Vom., 1/2 gr. } { Pulv. Saponis, 1/2 gr. }	75	3 50
FERRI ET QUINIE CIT., 1 gr.....	75	3 50
" " 2 grs.....	40	6 75
" ET STRYCHNIE, { Strychnia, 1-60 gr. } { Fer. per Hydrog. (Quevenne's), 2 grs. }	75	3 50
" et STRYCHNIE CIT., { Strych. Cit. 1-60 gr. } { Ferri Cit. 1 gr. }	75	3 50
GALBANIA COMP., U. S. P. { Galbanum, 11-2 gr. } { Pulv. Myrrh., 11-2 " } { Assafetida, 11-2 " }	50	2 25
GAMBOGLE COL.P. { Pulv. Gambogia } { " Aloe Socot, } { " Zingib. Jam., } { " Saponis, }	40	1 75
GENTIAN COMP., { Ext. Gentian, 2-3 grs. } { Aloes Socot 2-3 " } { Pulv. Rhei, 11-3 " } { Ol. Carui, 1-5 " }	60	2 25
GNONORRHEE..... { Pulv. Cubebs, 3 grs. } { Bals. Copaiba Solid, 1 " } { Ferri Sulph. Exsicc., 1-2 " } { Terebinth, Venet., 11-2 " }	80	2 75
GELSEMIN, 1-16 gr.....	40	1 75
" " 1-8 gr.....	50	2 25
HELONIN, 1-10 gr.....	50	2 25
HEPATIC, { Pil. Hydrarg., 3 grs. } { Ext. Colocynth Comp., 1 " } { Hyoscyami, 1 " }	90	4 25
HOOPER (Female Pills), 21-2 grs. { Aloe Socot., } { Ferri Sulph. Exsicc., } { Ext. Hellebor, } { Pulv. Myrrh., } { " Saponis, } { " Canelis, } { " Zingib. Jam., }	40	1 75
HYDRARGYRI, U. S. P., 3 grs.....	40	1 75
" " 5 grs.....	50	2 25
" COMP..... { Mass. Hydrarg., 1 gr. } { Pulv. Opil., 1-2 " } { " Ipecac., 1-4 " }	90	4 25
HYDRARG. IODIDE, 1-4 gr.....	40	1 75
" " 1-2 gr.....	50	2 00
" " RUB., 1-16 gr.....	40	1 75
" " IOD. et OPIL., { Hyd. g. Iodid., 1 gr. } { (Ricord's) Pulv. Opil., 1-5 " }	75	3 50
HYDRASTIN, 1/2 gr.....	95	4 50
HYOSCYAMUS EXT. (Eng.) 1-2 gr.....	40	1 75
IGNATIE AMARE EXT., 1-4 gr.....	50	2 25
IPECAC et OPIL. (Pulv. Doveri, U. S. P.) 31-3 grs.....	50	2 25
IPECAC et OPIL., 5 grs.....	65	3 00
IODIFORM., 1 gr.....	1 60	7 75
" et FERRI, { Ferrum per Hydrogen, 1 gr. } { Iodoform, 1 " }	2 00	9 75
IRISIN COMP. { Irish, 1-4 gr. } { Podophyllin, 1-10 " } { Strychnis, 1-40 " }	50	2 25

From Prof. John King, Editor American Eclectic Dispensatory, King's American Practice, &c.:-

"For the last five or six years I have made use of a considerable quantity of Glycerin manufactured by W. J. M. Gordon, of this city, for medicinal purposes, and I have no reason whatever for complaint, as it has in every instance answered the purpose admirably. I have likewise used in my practice the leading Eclectic preparations manufactured by him, as Resin of Mandrake or Podophyllin, Lepandrin, Iridin, Aletrin, Alcoholic Extracts of Black Cohosh, as well as several Fluid Extracts, and have been much pleased with their actions, as they have invariably fulfilled the indications for which they are prescribed. I therefore take great pleasure and satisfaction in recommending Mr. Gordon to the Eclectic profession as one among our many excellent manufacturers whose preparations may be relied upon."

JOHN KING, M. D.

[Signed,]

W. J. M. Gordon's Price List of Sugar-Coated Pills.

		Bottles of 100 500	
LEPTAND. COMP.	{ Leptandrin, 1 gr. Irisin, 1/2 gr. Podophyllin, 1/2 gr. }	1 00	4 75
LEPTANDRIN, 1-8 gr.		40	1 75
" 1-4 gr.		40	1 75
" 1-2 gr.		50	2 25
" 1 gr.		75	3 50
LUPULIN, 3 grs.		40	1 75
MACROTIN, 1-10 gr.		40	1 75
MAGNESIÆ et BHEI, [1 gr. each]		40	1 75
MORPHIA ACET., 1-2 gr.		70	3 25
" SULPHATE, 1-20 gr.		40	1 75
" " 1-10 gr.		60	2 75
" " 1-6 gr.		80	3 75
" " 1-3 gr.		70	3 25
" " 1-4 gr.		1 00	4 75
" VALERIAN., 1-8 gr.		1 00	4 75
MORPHIÆ COMP.	{ Morph. Sulph., 1-4 gr. Ant. et Pot. Tart., 1-4 gr. Calomel, 1-4 gr. }	1 50	7 25
NEURALGIC.	{ Quinia Sulph., 2 grs. Morphia Sulph., 1-20 gr. Strychnia, 1-30 gr. Acid Arsenious, 1-20 gr. Ext. Aconiti, 1-2 gr. }	3 00	14 75
Prof. S. D. Gross			
" [Gross], without Morphia.		3 00	14 75
NEURALGIC, IDIOPATH.	{ Ext. Hyoscyam., 2 1/2 gr. Conii, 2 gr. Ignat. Am., 1 gr. Opil, 1 gr. Aconiti, 1 gr. Cannab. Ind., 1 gr. Stramon., 1-6 gr. Belladonnæ, 1/2 gr. }	2 00	9 75
NUC. VOMICA EXT., 1-4 gr.		40	1 75
" 1-2 gr.		40	1 75
OPIU, U. S. P., 1 gr.		75	3 50
" et CAMPHORÆ	{ Pulv. Opil, 1 gr. Camphoræ, 2 gr. }	1 00	4 75
" et CAMPH. et TANNIN.	{ Pulv. Opil, 1-4 gr. Camphoræ, 1 gr. Acid Tannic, 2 grs. }	1 00	4 75
OPIU, et PLUMBI ACET.,	{ Pulv. Opil, 1-2 gr. Plumbi Acet., 1-12 grs. }	75	3 50
PHOSPHORUS, 1-50 gr.		1 00	4 75
" 1-100 gr.		1 00	4 75
" COMP.	{ Phosphorus, 1-100 gr. Ext. Nux Vom., 1-4 gr. }	1 25	6 00
PHOSPHORUS, IRON & NUX. VOMICA,	{ Phosphorus, 1-100 gr. Ferri Carb. (Vallet's) 1 gr. Ext. Nux Vomica, 1/4 gr. }	1 75	8 50
PODOPHYLLIN, 1-10 gr.		40	1 75
" 1-4 gr.		40	1 75
PODOPHYLLIN, 1-2 gr.		50	2 25
" 1 gr.		75	3 50
PODOPHYLLIN COMP.,	{ Podophyllin, 1-2 gr. Ext. Hyoscyami, 1-8 gr. Nuc. Vom., 1-16 gr. }	75	3 50
PODOPHYLLIN et Belladonna	{ Podophyllin, 1/4 gr. Ext. Bellad., 1/2 gr. Ol. Res. Capsici, 1/4 gr. Sacchari Lact., 1 gr. }	75	3 50
PODOPHYLLIN COMP. (Eclectic.)	{ Podophyllin, 1/2 gr. Leptandrin, 1-16 gr. Juglandin, 1-16 gr. Macrotin, 1-32 gr. Ol. Capsici, 1 gr. }	75	3 50
PODOPHYLLIN et HYOSCYAMUS,	{ Podophyllin, 1-4 gr. Ext. Hyoscyamus, aa 1/2 gr. }	60	2 75
" et HYDRARG.	{ Podophyllin, 1-4 gr. Pil. Hydrarg., 2 gr. }	50	2 25
POTASS. BROMID., 1 gr.		75	3 50
" 5 grs.		1 25	6 00
" IODID., 2 grs.		85	4 00
" PERMANG. CRYST., 1-8 gr.		50	2 25
QUINÆ SULPH., 1-2 gr.		85	4 00
" 1 gr.		1 40	6 75
" 2 grs.		2 75	13 50
" 3 grs.		4 00	19 75

From the Chicago Price Current and Chemical Repository.—Prof. H. D. Garrison, Editor.

"A few weeks ago we had the pleasure of visiting the large manufacturing establishment of W. J. M. Gordon, of Cincinnati. Mr. Gordon, long noted as the leading manufacturer of Glycerin in this country, is producing a perfectly odorless, colorless, concentrated and absolutely chemically pure Glycerin, all of which he warrants, and we must say that the specimen shown us, which was taken from the common stock as it flowed from the still, fully corroborates his statement. We can not conceive any good reason for importing Glycerin, much of which is very impure, when as perfect an article is produced by our neighbor, and offered at prices far below what an imported brand can be sold for of the same quality."

W. J. M. Gordon's Price List of Sugar-Coated Pills.

	Bottles of 100	500
QUININE VALERIANATE, 1-2 gr.....	2 00	9 75
" " 1 gr.....	3 50	17 25
" " 2 grs.....	4 00	19 50
" COMP.....	{ Quinine Sulph., 1 gr., Ferri per Hydrogen, 1 " } 1 75	8 50
	{ Acid. Arsenious, 1-60 " }	
QUININE et COLO-.....	{ Quinine Sulph., 1 " } 1 75	8 50
	{ Ext. Col. Comp., 1 " }	
CYNTH. COMP.,.....	{ Ignat. Amar., 1-3 " } 2 25	11 00
	{ Piperine, 1-2 " }	
QUININE et EXT. BEL-.....	{ Morph. Sulph., 1-12 " }	
LADONNE.....	{ Quinine Sulph., 1 gr. }	1 75 8 50
QUININE et FERRI.....	{ Ext. Belladon., 1 gr. }	
CARB.....	{ Quinine Sulph., 2 grs. }	1 75 8 50
	{ Ferri Carb. (Vallet's), 1 gr. }	
QUININE et FERRI FER-.....	{ Quinine Sulph., 1-20 " }	
ROCYAN.,.....	{ Oleo-Res. Capsici, 1-20 " }	2 25 11 00
	{ Gelsemin, 1-20 " }	
	{ Podophyllin, 1-60 " }	
QUININE et FERRI.....	{ Strychnia, 1 gr. }	1 75 8 50
	{ Quinine Sulph., 1 " }	
QUININE et FER-.....	{ Ferrum per Hydrogen, 1 gr. }	
RI LACT.....	{ Quinine Sulph., 1 gr. }	1 75 8 50
COMP.....	{ Ext. Ignat. Amar., 1/2 " }	
" et FER. et.....	{ Ferri Lactat., 1 gr. }	
STRYCH-.....	{ Quinine Sulph., 1-60 " }	1 75 8 50
NIE.....	{ Ferri Carb. (Vallet's), 2 gr. }	
QUININE et FERRI.....	{ Strych. Sulph., 1-60 " }	
et STRYCH.....	{ Phos. Quinine, 1 gr. }	1 75 8 50
PHOS.....	{ Iron, 1 " }	
QUININE, IO- (Iodoform,.....	{ Strych. 1-60 " }	
DOFORM & Ferri Carb. (Vallet's) 2 " }	1 gr. }	3 00 14 75
IRON, { Quinine Sulph., 1/2 " }		
Quinine, Valerianate, 1/2 gr.....		2 00 9 75
" et FERRIVALER, 2 grs.....		3 50 17 25
" et HY-.....	{ Quinine Sulph., 1 gr. }	
DRARG. { Mass. Hydrarg., 1-4 " }		1 75 8 50
	{ Oleo-Resin, Pip. Nig., 1-4 " }	
" et STRYCHNIA, { Quin. Sulph., 1 gr. }		1 75 8 50
	{ Strychnia, 1-60 " }	
" et ZINCI VALER. { Quin. Valer. 1 gr. }		4 00 19 75
	{ Zinci. Valer. 1 " }	
RHEI, U. S. P., { Pulv. Rhei, 3 grs. }		75 3 50
" { Saponis, 1 gr. }		
RHEI, COMP., U. S. P. { Pulv. Rhei, 2 grs. }		75 3 50
	{ Aloes Socot, 1 1/2 grs. }	
	{ Myrrh., 1 gr. }	
" et HYDRARG. { Ol. Menth Pip., }		
	{ Pulv. Rhei, }	
	{ Mass. Hydrarg., }	4 grs..... 4 75
	{ Soda Carb. Ex. }	
SANTONIN, 1 gr.....		1 00 4 75
RHEUMATIC, { Ext. Coloc. Co., 1 1/2 gr. }		
	{ " Colchi Acet., 1 " }	
	{ Hyoscyami, 1/2 " }	90 4 25
	{ Hyd. Chlor. Mit., 1/2 " }	
SCILLAE COMP., U. S. P., { Pulv. Scillae, 1/2 gr. }		50 2 25
	{ " Zin. Jamaica, 1 " }	
	{ Gum Ammoniac, 1 " }	
	{ Pulv. Saponis, 1 1/2 " }	
SILVER NITRATE, 1-4 gr.....		75 3 50
STOMACHICÆ (Lady Webster's Dinner Pills), 3 grs. { Pulv. Aloes Socot., }		50 2 25
	{ Gum Mastich., }	
	{ Flor. Rose, }	
STRYCHNINE, 1-20, 1-30, 1-40, 1-50, 1-60 gr.....		40 1 75
SYPHILITIC.....	{ Potass. Iodid., 2 1-2 grs. }	40 1 75
TART. EMETIC, 1-20, 1-10, 1-4 gr.....	{ Hyd'g. Chlor. Cor., 1-40 " }	40 1 75
TRILLIN, 1-10 gr.....		50 2 25
TRIPLEX, { Aloes Socot., 2 grs. }		75 3 50
	{ Pil. Hydrarg., 1 gr. }	
	{ Podophyllin, 1/2 " }	
VERATRIA SULPHATE, 1-12 gr.....		60 2 25
ZINCI VALERIANATE, 1 gr.....		1 00 4 75

Comp. Cathartic, and all leading Pills furnished by the pound or in bulk.

Pills will be made to order from special recipes, when ordered in lots of not less than 3,000 at one time. Any physician having a favorite recipe will find this a great saving of time, and at a less cost than they can make them themselves.

All recipes strictly confidential. Pills sent by mail with perfect safety.

From New York Druggists' Price Current, April 19, 1871:

"For some time past our attention has been called to the Pure Inodorous Glycerin of W. J. M. Gordon, of Cincinnati, and having obtained a bottle of the same from parties who did not know our object, we have submitted Mr. Gordon's Glycerin to several tests, and are happy to state that his Glycerin is, in every particular what Mr. G. claims—a pure and inodorous article, which we heartily recommend to the trade."

From Chicago Medical Times:—

"As a manufacturer of Glycerin, Gordon is known throughout the civilized world. His Pure Glycerin we regard equal to any made. He is now turning out very handsome Sugar Coated Pills, as well as many other Pharmaceutical preparations. An immense stock of Botanic goods is a comparatively recent feature in his trade."

W. J. M. GORDON'S ELIXIRS AND SYRUPS.

	Per Gall.	Per dos.
Elixir Beeberine and Iron.....	\$9 00	16 00
" Beef, Wine and Iron.....	8 25	9 00
" Bismuth.....	8 60	11 00
" Bismuth and Strychnia.....	6 00	10 00
" Brothide Ammonium.....	9 50	15 00
" " Iron.....	11 00	18 00
" " Potassium.....	8 50	12 00
" " Sodium.....	9 50	15 00
" " Quinine.....	13 00	22 00
" Buchu.....	10 00	16 50
" " Comp.....	10 00	16 50
" " and Pariera Brava.....	8 50	12 00
" Cardamon Comp.....	8 80	14 40
" Cherry Bark Comp.....	6 00	10 00
" Calisaya.....	5 50	9 00
" " Ferrated.....	5 00	10 00
" " and Protoxide Iron.....	5 00	7 50
" " Pyrophosphate.....	5 50	9 00
" " Iron, Strychnia and Pepsin.....	11 00	18 00
" " Bark, Iron and Bismuth.....	5 00	10 00
" Calisaya Bark, Iron and Strychnia.....	5 00	10 00
" Calisaya Bark Iron and Pepsin.....	11 25	18 00
" " Quinine and Strychnia.....	15 00	24 00
" " Protox Iron and Beef.....	5 25	9 00
" " Pyrophos.....	5 25	9 00
" " Iron & Bismuth with Ext. Beef.....	7 00	12 00
" " " and Pepsin.....	9 00	15 00
" " " and Strychnia.....	6 50	10 50
" " Strychnia and Bismuth.....	7 00	12 00
" Cinchona Iron and Strychnia.....	6 50	10 50
" " with Ext. Beef.....	7 00	12 00
" " Pepsin and Bismuth.....	9 00	15 00
" Citrate Caffein.....	19 00	30 00
" Citrate Lithia.....	15 00	24 00
" Cordial ferrated.....	6 00	10 00
" Corydalis.....	4 25	8 00
" Corydalis Comp.....	4 25	8 00
" Gentian and Chlo Iron with Ext. Beef.....	5 25	9 00
" Gentian Ferrated.....	4 25	8 00
" " and Chloride Iron.....	5 25	9 00
" " and Pyr phos. Iron.....	5 50	8 00
" Hops.....	4 25	8 00
Elixir Helonias Comp.....	4 50	9 00
" Iodide Iron.....	9 00	15 00
" " Calcium.....	6 40	10 50
" Iron, Strychnia and Bismuth.....	7 00	12 00
" Lacto Phos. Lime.....	8 40	14 00
" " " and Iron.....	8 40	14 00
" " " and Pepsin.....	8 40	14 00
" " Pepsin and Pancreatine.....	8 40	14 00
" " Iron.....	8 40	14 00
" Lobelia Comp.....	5 50	9 00
" Lupulin.....	6 50	10 50
" Mandrake Comp.....	5 50	9 00
" Matico Comp.....	7 00	12 00
" Pancreatine.....	9 00	15 00
" Pepsin.....	9 00	15 00
" " Aromatic.....	10 00	16 00
" " Bismuth and Strychnia.....	14 00	24 00
" " and Bismuth.....	12 00	22 00
" " Bismuth, Strychnia and Iron.....	14 00	24 00
" " Iron and Bismuth.....	14 00	24 00
" " and Pancreatine.....	9 00	15 00
" " " and Bismuth.....	14 20	18 00
" " Quinine.....	13 20	21 00
" " Strychnine.....	9 00	15 00
" " ferrated.....	13 00	21 00
" " Strychnia and Pancreatine.....	13 00	21 00
" " Bismuth and Pancreatine.....	13 00	21 00
" " and Wafer ash.....	11 20	18 00
" Phosphate Iron.....	5 50	9 00
" Phosphorus.....	5 50	9 00
" Phosphate Iron, Quinine and Strychnia.....	14 00	24 00
" Phosphate Iron and Quinine.....	9 00	15 00
" Pink Root Comp.....	7 00	12 00
" Protoxid Iron.....	5 50	9 00
" " Iod. Lime and Cinchona.....	10 00	16 00
" " with arsenic.....	10 00	16 00

PURE POWDERED DRUGS.

I have constantly on hand a complete stock of PURE Powdered Drugs, powdered at my own Drug Mills, which Physicians may rely on. I also have a complete stock of Foreign and Indigenous Herbs, Roots and Barks, which I furnish crude, packed or ground. I am prepared to make very low prices to those who purchase large lots for manufacturing or other purposes.

1.

My list of **Fluid Extracts and Prices** was published in the last number of this Journal. I will continue to

I greatly desire that Physicians will give my preparations a trial, and to accomplish this I will send any quantity, however small, at lowest prices.

Complete Price Current and Dose Book furnished on application.

TILDEN & CO'S, PILLS AND GRANULES

OF THE
UNITED STATES PHARMACOPŒIA,
AND
Formulas of Eminent Physicians,

SUGAR-COATED AND ELEGANTLY POLISHED.

RELIABLE, SOLUBLE, PERMANENT.

PILLS.		PRICE per 500.	PRICE per 100.	PILLS.		PRICE per 500.	PRICE per 100.
	DOSE.				DOSE.		
Aconitine, 1-60 gr.	1	70	75	Anti-Periodic.			
Aconite Extract, $\frac{1}{2}$ gr.	1 to 4	40	45	Cinchona Sulph., 1 gr.			
" " $\frac{1}{2}$ gr.	1 " 2	45	50	Ferri. Sul. Fxale, 1 gr.			
Ague.	1	55	60	Ext. Quass, 1-2 gr.			
Quinine 1 gr.		1 45	1 50	Ext. Rhei, 1-4 gr.			
Piperin 1-3 gr.				Pulv. Myrrh, 2-3 gr.	1 to 2	95	1 00
Capicum 2-3 gr.	1			Antimoni Comp., U. S. P.			
Aloetic, U. S. P., 4 gra.				See Calomel Comp.	1 " 2	35	40
Aloes Soot., 2 gra.	1 " 3	35	40	Apocynum, 2 gra.	1 " 4	65	70
Soap, 2 gra.				Aperient.			
Aloes and Asafoetida.				Ext. Nux Vomica, $\frac{1}{2}$ gr.			
Aloes, { equal				" Hyoscyamus, $\frac{1}{2}$ gr.	1 " 2	80	85
Asafoetida, { parts.	4 gra. 2 " 5	35	40	" Colocynth Comp., 2 gra.			
Soap, {				Arsenious Acid, 1-32 gr.	1 " 3	35	40
Aloes and Iron, 4 gra.				Asafoetida, U. S. P., 4 gra.	2 " 4	85	40
Aloes Soot.				" " 2 gra.		30	35
Extract Conium $\frac{1}{2}$ 1 part.	1 " 4	35	40	Asafoetida and Iron, 3 gra.			
Iron Sulphate				Asafoetida, 2 gra.			
Ginger, Jamaica, $\frac{1}{2}$ 2 parts.				Sulphate Iron, 1 gr.	2 " 4	35	40
*Aloes and Mastic.				Asafoetida and Rhei, 3 gra.			
See Lady Webster's.	1 " 3			Asafoetida,			
Aloes and Myrrh, U. S. P.				Rhei,			
Aloes Soot. 2 parts,				Iron by Hydrogen, $\frac{1}{2}$ 1 gr.	2 " 6	70	75
Myrrh, { 4 gra. 3 " 5	45	50		Atropa, 1-60 gr.	1 " 2	70	75
Saffron $\frac{1}{2}$ 1 part.				Bala.			
Aloes and Ext. Gentian.				Ext. Col. Comp. 1 gr.			
See Gentian Comp.	1 " 5	45	50	" Jalape, 1 gr.			
Aloes and Nux Vomica,				Hydr'g. Chlorid. Mit. 1 gr.			
Aloes 1-2 gr.				Pulv. Ipecac, 1-2 gr.	1 " 2	70	75
Ext. Nux Vomica, 1-2 gr.	1	45	50	Belladonna Extract, $\frac{1}{2}$ gr.	1 " 4	35	40
Alternative.				" " 1 gr.	1 " 2	35	40
Mass. Hydrargyri, 1 gr.				" " 1 gr.	1	35	40
Pulv. Opil, 1-3 gr.				Biniolide Mercury, 1-8 gr.	1 " 2	40	45
Pulv. Ipecac, 1-2 gr.	2 " 4	45	50	" " 1-16 gr.	1 " 4	40	45
Ammonium Bromide, 1 gr.	2 " 5	70	75	Bismuth and Nux Vom.			
Anderson's Soot.				Bismuth Subnit. 5 gra.			
Aloes, Soot., {				Ext. Nux Vom 1-2 gr.	1	1 45	1 50
Soap, { 2 gra.	1 " 3	35	40	Bismuth, Subnitrate 2 gra.	2 " 4	70	75
Colocynth, {				" Subcarbonate 2 gra.	1 " 2	70	75
Oil Anis,				Blue Pill, U. S. P., 2 1/2 gra.	2 " 4	35	40
Antheimic, 1 gr.				" " 5 gra.	1 " 2	45	50
Santonin, 1 gr. } 2 gr.				Blue Pill Compound, 1-2-4 gra.			
Calomel, 1 gr.	1	95	1 00	Blue Pill, 1 gr.			
Antheimic Ext. 2 gra.	1 " 6	65	70	Opil $\frac{1}{2}$ gr.			
Anti-Bilious, 2 1/2 gra.				Ipecac $\frac{1}{2}$ gr.	1 " 3	70	75
Ext. Colocynth, 2 1/2 gra.	1 " 4	65	70	Blue Pill & Podophyllin, 3 gra.			
Podophyllin, $\frac{1}{2}$ gr.				See Podophyllin & Blue Pill.	1 " 2	45	50
Anti-Dy-peptic.				Caffein Citrate, 1 gr.		4 45	4 50
Strychna, 1-40 gr.				Calomel, $\frac{1}{2}$ gr.		1 " 10	35
Ext. Belladonna, 1-10 gr.				" 1 gr.	1 " 10	35	40
Pulv. Ipecac, 1-10 gr.				" 2 gra.	1 " 5	35	40
Mass Hydrarg, 2 gr.				" 3 gra.	1 " 3	40	45
Ext. Coloc. Co., 2 gra.	1	95	1 00	" 5 gra.	1 " 2	45	50
Anti-Malarial (McCa).				" Comp. (Plummer's) 3 gra.		35	40
Quina Sulph., 1 gr.				Calomel and Opium, 3 gra.			
Ferri. Sul. Ext. 1-4 gr.				Calomel 2 gra.			
Oil Res. Pib. Nig. 1-16 gr.				Opium 1 gr.	1 " 3	90	95
Oil Arsenic 2-10 gr.							
Geleminia, 1 1/4 gr.							
Podophy Bn, 1 1/2 gr.	1	2 90	3 35				

Private Formula for 3000 or more

Tilden & Co's Sugar-Coated Pills and Granules.

PILLS.		PRICE per 500.	PRICE per 100.	PILLS.		PRICE per 500.	PRICE per 100.
Calomel and Rhei, 1½ gr.	DOSE.			Codala, 1-16 gr.	DOSE.		
Calomel ½ gr.				Colchicum Extract, ½ gr.	1 to 4	8 60	8 65
Ext. Rhei ½ gr.				Colocynth, Comp. Ext. 8 grs. 2 "	6	60	65
" Coloc. Comp. ½ gr.				Coloc. Comp. Ext. & Blue Pill, 8 grs.		75	80
" Hyoscyamus 1-6 gr.	2 to 4	70	75	Colocynth Comp. Ext. 2½ grs.			
Calomel and Comp. Colocynth Ext.				Blue Pill, ½ gr.	1 " 2	80	85
3½ grs.				Coloc. Comp. & Ipecac, 8 grs. 2 "	4	75	80
Calomel 1½ gr.				" and Hyoscyamus, U. S. P.			
Ext. Coloc. Comp. 2½ grs.	2 " 4	70	75	8 grs.	1 " 6	80	85
Calomel, et Ipecac Com.,				Coloc. Comp. and Podophyllin,			
Calomel, 1 gr.				8 grs.	1 " 2	80	85
P. Ipecac Com. 8 1-8 gr.				Coloc. Comp. & Calomel, 8 grs. 2 "	8	70	75
Ext. Gent. Q. 8.	1 " 8	45	50	Colocynth, Comp. and Jalap,			
Camphor Compound, 8 grs.				Ext. Colocynth, Comp. 1 1-8 gr.			
Camphor, 1 gr.				" Jalap, 1 gr.			
Opium, 1 gr.				" Henbane, 1-2 gr.			
Kino, 1 gr.				" Gentian, 1 gr.			
Capicum, 1-16 gr.	1	85	90	Podophyllin, 1-10 gr.			
Camphor and Opium, 3 grs.				Leptandrin, 1-4 gr.			
Camphor, 2 grs.				Oil Peppermint, q. s.	3	70	75
Opium, 1 gr.	1 " 2	75	80	Conium Extract, ½ gr.	2 " 6	40	45
Camphor and Hyoscyam,				" ½ gr.	1 " 8	50	55
Gum Camphor, 1 gr.				" 1 gr.	1 " 2	60	65
Ext. Hyos. Eng. 1 gr.	1	45	50	Conium and Ipecac, U. S. P.,			
Camphor, Hyoscyam and				1 gr.	8 " 5	70	75
Valerian,				Cook's Pill, 3 grs.			
Camphor, 1 gr.				Aloes 1 gr.			
Ext. Hyos., 1 1-2 gr.				Calomel ½ gr.	1 " 8	45	50
Pulv. Valerian, 1-2 gr.				Rhei 1 gr.			
Cannabis Indica Extract, ½ gr.	1 " 4	1 00	1 05	Soap ½ gr.			
" 1 gr.	1 " 2	1 85	1 90	Copaiba, Pure Solidified, 8 grs. 2 "	5	45	50
Capicum, 1 gr.	1 " 2	60	65	" 4 grs. 2 "	4	55	60
Cathartic Compound, U. S. P.				Copaiba and Buchu,			
Ext. Coloc. Comp.				Copaiba, 8 gr.			
" Jalap,	8 grs. 1 " 4	65	70	Oleo Resin Buchu, 1 gr.	1 " 8	45	50
Calomel,				Copaiba Comp.			
Gamboge,				Pil. Copaib.			
Cathartic Compound, bottles				Resin Guaiac.			
25 each, doz. net.	1	50		Ferri Cit. ½ gr.	1 " 8	75	80
Cathartic Compound, bottles				Oleo-resin: Cubeb.			
25 each, gross, net.	17	00		Copaiba and Cubebs Ext.			
Cathartic Comp. (Vegetable).				Pil: Copaib. 2 grs.	2 " 4	45	50
Ext. Coloc. Simple, 1-8 gr.				Oleo-resin: Cubeb: 1 gr.			
Podophyllin, 1-4 gr.				Copaiba, Ext. Cubebs and Citrate			
Pulv. Res. Scam. 1-8 gr.				Iron, 3 grs.	1 " 4	45	50
" Aloes Socot. 1 1-4 gr.				Cornus Florida, Ext., 2 grs.	2 " 5	65	70
" Cardamomi, 1-8 gr.				Corros. Sublimite, 1-16 gr.	1 " 2	85	40
" Saponis, 1-8 gr.	1 " 8	45	50	" ½ gr.	1	35	40
Cathartic Improved,				Cubebs, Extract, 2 grs.	1 " 6	95	1 00
Ext. Coloc. Comp.				Cubebs and Alum, 8 grs.	2 " 4	70	75
" Jalap,				Cubebs Ext. Rhat. & Iron, 8 grs.			
Podophyllin,				Ext. Cubebs ½ gr.			
Leptandrin,	8 grs. 1 " 8	65	70	" Rhatany ½ gr.	1 " 8	75	80
Ext. Hyoscyamus,				Iron Sulphate 1 gr.			
" Gentian,				Cypripedium Extract, 2 grs.	2 " 6	70	75
Oil Peppermint,				Digitalin, 1-60 gr.	1 " 2	70	75
Cathartic Improved, bottles				Digitalis Extract, ½ gr.	1 " 8	50	55
25 each, doz., net.	1	50		Digitalis Compound,			
Cathartic Improved, bottles				Pulv. Digital. Eng. 1 gr.			
25 each, gross, net.	17	00		" Scilla, 1 gr.			
Caulophyllin, 1-10 gr.	1	85	40	Potass. Nit. 1 gr.	1 " 2	45	50
Chapman's dinner,				Dinner—Lady Webster's.			
Aloes, Mastic,				Aloes Socot.			
Ipecac, Oil Fennel.	4 grs. 1 " 2	45	50	Gum Mastic,	8 grs. 1 " 8	45	50
Ceril Oxalas, 1 gr.	1	95	1 00	Rose Leaves.			
Chimaphila Ext., 8 grs.	3 " 6	70	75	Diuretic.			
Chinoidine, 1 gr.	1 " 2	45	50	Sapon. Hispan. Pulv. 2 grs.			
Chinoidine, 2 grs.	1 " 8	45	50	Soda Carb. Exsic. 2 gr.			
Chinoidine Comp., 3½ grs.				Cl. Baccæ Junip. 1 drop.	2 " 4	45	50
Chinoidine, 2 grs.				Dupuytren,			
Ferri Sulph. Exsic. 1 gr.				Pulv. Guaiac. 3 grs.			
Piperini, ½ gr.	1 " 2	95	1 00	Hydrag. Chlor. Corros. 1-10			
Cimicifugin, 1 gr.	1 " 4	60	65	gr.			
Cinchonia, Sulphate, 1½ gr.	1 " 4	65	70	Pulv. Opil. 1-8 gr.	1	45	50
" 8 grs. 1 " 2	95	1 00		Elaterium Clutterbuck's, ½ gr.	1 2	95	1 00
Citrate of Iron, Quinia and				Emm-nagogue (Mutter).			
Strych.				Ferri Sulph. 1 1-2 grs.			
Cit. Iron and Quinia, 2 gr.				Aloe Socot. Pulv. 1-2 grs.	1 " 8	35	40
Strychnia, 1-60 gr.	1 " 2	1 70	1 75	" Terebinth. Alb. 1 1-2 grs.			
Cochia.				Ferri, Quass., et Nux Vom.			
Colocynth Comp.				Fer. per Hydrogen, 1 1-2 grs.			
Aloes,				Ext. Quassia, 1 gr.			
Gamboge.	8 grs. 1 " 8	80	85	" Nux Vom. 1-4 gr.			
Scammony.				Pulv. Saponis, 1-8 gr.	1	70	75
Potass Sulphate,							

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PILLS		PRICE per 500.	PRICE per 100.	PILLS.		PRICE per 500.	PRICE per 100.
Ferri et Strychnia, Strych 1-60 gr.	DOSE.			Iron Citrate, Strychnia Cit.	DOSE.		
Ferrum per Hydrogen, (Quevenne's) 2 gr.	1	70	75	Strychnia Cit. 1-50 gr.			
Ferrocyanide of Iron, 3 gr.	1 to 2	45	50	Iron Cit. 2 grs.	1 to 2	70	75
Gamboge Comp., U. S. P.				Iron Comp., U. S. P.			
Gamboge,				Myrrh,			
Soc. Aloes,				Soda Carb., } 3 grs.	2 " 6	35	40
Ginger Jamaica,	3 grs.	35	40	Iron Sulph.			
Soap,				Iron Carbonate Valett's, 8 grs.	2 " 5	35	40
Geleminin, 1-16 gr.		35	40	" Carbonate of, and Manganese,			
" 1-8 gr.		45	50	8 grs.	1 " 8	70	75
Gentian Extract, U. S. P. 2 grs.	2 " 6	50	55	Iron Hydrocyanate, 1 gr.	1 " 2	90	95
Gentian Compound.				" and Iodoform.			
Ext. Gentian,				See Iodoform and Iron.			
Aloes Soc.,				Iron Lactate, 1 gr.	1 " 2	45	50
Rhei Powdered	4 grs.	45	50	" Phosphate, 2 grs.	2 " 4	60	65
Oil Carul.				" Pyro-Phosphate, 1 gr.	2 " 5	35	40
Geranin, 1 gr.	1 " 5	60	65	Iron Proto-Iodide, 1 gr.	2 " 4	70	75
Gonorrheal,				" Quevenne's, by Hyd'g,			
Pulv. Cubebae, 2 grs.				1 gr.	3 " 6	45	50
Bala. Copalib. solid, 1 gr.				" " 2 grs.	2 " 4	70	75
Ferri Sulph. Exsic, 1-2 gr.				Iron and Strychnia,			
Terebinth. Venet. 1-12 gr.	2 " 4	55	60	Strychnia, 1-60 gr.			
Hellebore, Black, Extract, 1 gr.	1 " 5	60	65	Iron by Hydrogen, 2 grs.	1 " 2	70	75
Helonin, 1-10 gr.		45	50	Iron Sulphate Exsic, U. S. P.			
Hepatic.				4 grs.	1 " 5	35	40
Pil. Hydrarg. 8 grs.				" Valerianate, 1 gr.	1 " 2	95	1 00
Ext. Colocynth Comp. 1 gr.				Iron Quevenne's, by Hydrogen,			
" Hyocyanin, 1 gr.	1 " 8	85	90	1 gr.	2 " 6	45	50
Hooper's (Female Pills).				Iron, Quevenne's, by Hydrogen,			
Aloes Soc.,				2 grs.	1 " 8	70	75
Iron Sulph.,				Jalap. 1 gr.	1 " 6	95	1 00
Ext. Black Hellebore,				Jalapin, 1 gr.	1 " 2	95	1 00
Myrrh,				Kermes, 1 gr.	2 " 4	95	1 00
Soap,				Krameria Extract, (Rhatany)			
Canella,				2 grs.	1 " 5	60	65
Ginger, Jamaica.	2 1/2 grs.	35	40	Lactuca Extract, 2 grs.	1 " 8	50	55
Hydrastin, Resinoid, 1 gr.	2 " 6	90	95	Leptandrin, 1 gr.	1 " 2	70	75
Hydrastin, Alkaloid, 1 gr.	1 " 5	90	95	" 1-2 gr.	1 " 4	45	50
Hyocyanus Extract, 1 gr.	2 " 4	35	40	" 1-4 gr.	1 " 6	35	40
" " 1/2 gr.	1 " 2	40	45	" 1-8 gr.	1 " 8	35	40
" " 1 gr.	1	50	55	Leptandrin Comp.			
Ignatia Extract, 1 gr.	1 " 8	55	60	Leptandrin 1 gr.			
" " 1 gr.	1 " 2	95	1 00	Irisin 1/2 gr.			
Iodide of Iron (Blanchard's For- mula), 1 1-2 gr.	1 " 2	95	1 00	Podophyllin 1/2 gr.	1 " 4	95	1 00
Iodine, 1 gr.	1 " 4	95	1 00	Lupulin, 3 grs.	2 " 3	35	40
Iodoform, 1 gr.	1 55	1 55	1 60	Macrotin, 1-10 gr.	1 " 2	35	40
Iodoform and Iron, 2 grs.				Magnesia, Calcined, 2 grs.	2 " 5	35	40
Iron by Hydrogen 1 gr.				Magnesia and Rhei, 2 grs. 1 gr.			
Iodoform 1 gr.	1 " 8	1 95	2 00	each.	1 " 2	45	50
Ipecac Extract, 1/2 gr.	1 " 8	55	60	Mandrake Compound,			
Ipecac and Squill, 3 grs.	2 " 8	50	55	Ext. Colocynth Comp. 1 gr.			
Ipecac and Opium, equal to 2 1/2 grs.				" Mandrake. 1 gr.			
(Dover's powder)				" Gentian, 1-2 gr. Gam- boge, 1-8 gr.			
Opium 1 part,				Podophyllin, 1-4 gr. Capel- cum, 1-16 gr.	2 " 8	70	75
Ipecac 1 part,				Mercury, Prot. Iodide, 1/2 gr.	1 " 2	50	55
Potass Sulph., 3 parts.	1 " 6	55	60	" Red, 1-16 gr.	1 " 4	40	45
Ipecac and Opium, equal to 5 grs., Dover's powder.				Mercury, Iodide and Opil.			
Opium 1/2 gr.				Iodide 1 gr.	1 " 8	80	90
Ipecac 1/2 gr.	2 grs.	1 10	1 15	Opil, 1-3 gr.	1 " 2	70	75
Potass. Sulph. 1 gr.				Morphia, Acet., 1/2 gr.	1 " 2	70	75
Ipecac and Opium, equal to 10 grs. Dover's powder.				" " 1-4 gr.	1 " 4	95	1 00
Opium 1 gr.				" Sulphate, 1/2 gr.	1 " 2	70	75
Ipecac 1 gr.	4 grs.	1 95	2 00	" Sulphate, 1-16 gr.	1 " 8	60	65
Potass Sulph. 2 grs.				" " 1-32 gr.	2 " 4	55	60
Irisin, 1 gr.	1 " 6	60	65	" Valerianate 1/2 gr.	1 " 8	1 20	1 25
" 1 gr.		70	75	Morphia Comp. 1/2 gr.			
Irisin Compound,				Morphia Sulph 1/2			
Irisin, 1-4 gr.				Tart. Pot. and Ant. 1/2	2 to 4	1 45	1 50
Podophyllin, 1-10 gr.				Calomel 1/2			
Strychnia, 1-40 gr.	1	45	50	Neuralgic, (Dr. Gross),			
Iron and Aloes.				Quinia Sulph. 2 grs.			
See Aloes and Iron, 4 grs.	1 " 4	35	40	Morphia Sulph. 1-20 gr.			
Iron Citrate, 2 grs.	2 " 3	45	50	Strychnia, 1-30 gr.			
" " & Quinine Cit. 1 gr.	2 " 6	75	80	Ac. Arsenious, 1-30 gr.	1	8 20	8 25
" " 2 grs.	1 " 2	1 35	1 40	Ext. Aconiti, 1-2 gr.			
				Neuralgic, (Dr. Gross,) without Morphia.	1	2 95	3 00

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Neuralgic Idiopath.	DOSE.			Quinine Comp., & Strychnia.	DOSE.		
Ext. Hyoscyam. 2-3 gr.				Quinine, 1 gr.			
" Aconiti, 1-3 gr.				Iron by Hydrogen, 1 gr.			
" Conii, 2-3 gr.				Arsenious Acid, 1-30 gr.	1	1 80	1 85
" Cannab. Ind. 1-4 gr.				Strychnia, 1-90 gr.			
" Ignat. Am. 1-2 gr.				Quinine et. Colocynth. Comp.			
" Stramon. 1-5 gr.				Quinine Sulph. 1 gr.			
" Opil, 1-3 gr.				Ext. Col. Comp. 1 gr.			
" Belladonna, 1-6 gr.	1	1 95	2 00	" Ignat. Amar. 1-3 gr.			
Neuralgic (Dr. T. S. Reed),				" Piperina 1-2 gr.			
Sulph. Quinine, 1 gr.				Morph. Sulph. 1-12 gr.	1	2 90	2 95
Cit. Iron, 1 gr.				Quinine, et. Ferri Carb.			
Ext. Can. Ind. 1-4 gr.				Quinine Sulph. 1 gr.			
" Belladonna, 1-4 gr.				Ferri Carb. (Vallet's) 2 grs. 1 to 3	1 70	1 75	
" Opil, 1-4 gr.	1	2 30	2 25	Quinine, et. Ferri Lact. Comp.			
Neuralgic,				Quinine Sulph. 1 gr.			
Ext. Belladonna, 1 gr.				Ext. Ignat. Amar. 1-2 gr.			
Sulph. Morphia, 1-5 gr.				Ferri Lactat. 2 grs.	1 " 3	1 95	2 00
Strychnia, 1-10 gr.	1	95	1 00	Quinine, et. Ferri Valer., 2 grs. 1 " 2	3 45	3 50	
Nitrate Silver, 1 gr.	1 to 2	99	95	Quinine, et. Hydragr.			
Nux Vomica, Ext., 1 gr.	1 " 2	35	40	Quin. Sulph. 1 gr.			
" " 1 gr.	1	45	50	Mass. Hydragr 2 grs.			
Opium, 1 gr.	1 " 4	70	75	Oleo-Resin Piper Nig. 1-4 gr. 1	1 70	1 75	
Opium and Acetate Lead, 2 grs.				Quinine, et. Strychnia,			
Opium 1 gr.				Quin. Sulph. 1 gr.			
Acet. Lead 1 gr.	1 " 3	75	80	Strychnia, 1-60 gr.	1	1 70	1 75
Opium and Camphor, 3 grs.				Quinine, et. Zinci. Valer.,			
Opium 1 gr.	1 " 2	75	80	Quin. Valer. 1 gr.			
Camphor 2 grs.				Zinci. Valer. 1 gr.	1 " 3	3 95	4 00
Opium, Camphor and Tannin.				Quinine Valerianate, 1 gr.	1 " 3	1 95	2 00
Camphor 1 gr. Opium 1 gr.	1 " 3	85	90	Rhei Extract, 1 gr.		1 05	1 10
Tannin 2 grs.				Rhei, U. S. P. 4 grs.			
Phytolaccin, 1 gr.	1 " 2	60	65	Rhei 3 grs. Soap 1 gr.	1 " 2	70	75
Phosphorus, 1-50 gr.	1	95	1 00	Rhei Compound, U. S. P. 4 grs.			
" " 1-100 gr.	1 " 2	95	1 00	Rhei 2 grs.			
Phosphorus, Comp.,				Aloes Ext. 1 1/2 gr.			
Phosphorus, 1-100 gr.				Myrrh " 1 gr.			
Ext. Nux. Vomica, 1-4 gr.	1 " 2	1 25	1 30	Oil Peppermint.			
Phosphorus Comp. and Iron,				Rhei and Blue Pill.	2 " 5	70	75
Phosphorus, 1-100 gr.				Rhei			
Ext. Nux Vomica, 1-3 gr.	1 " 2	1 25	1 30	Blue Pill	4 grs. 1 " 2	75	80
Phosphate Iron, 1-2 gr.				Soda Carb.			
Podophyllum, Ext.,				Rhei and Iron, 3 grs.	2 " 3	85	90
1 gr.	3 " 8	65	70	Rheumatic.			
Podophyllin, 1-4 gr.	1 " 4	85	40	Ext. Colocynth Comp. 1 1/2 gr.			
Podophyllin, 1 gr.	1 " 2	45	50	" Colchici Acet. 1 gr.			
" " 1 gr.	1	70	75	" Hyoscyamus 1/2 gr.			
Podophyllin and Blue Pill, 3 grs.				Calomel 1/2 gr.	1 " 2	85	90
Podophyllin 1/2 gr.	1 " 2	45	50	Santonin, 1/2 gr.	2 " 4	45	50
Blue Pill 2 1/2 grs.				Sanguinaria Ext. 1/2 gr.	1 " 5	60	65
Podophyllin Compound, 1 gr.				Sanguinaria, 1/2 gr.	1 " 4	50	55
Podophyllin 1/2 gr.				" " 1 gr.	2 " 5	70	75
Ext. Hyoscyamus 1/2 gr.	1 " 2	75	80	Sarsaparilla, Ext. 3 grs.	2 " 5	70	75
" Nux Vomica 1-16 gr.				Savinc, Ext., 1 gr.	1 " 5	60	65
Podophyllin and Belladonna,				Senna, Alex. Ext., 2 grs.	1 " 2	65	70
Podophyllin 1-4 gr.				Soap and Opium, U. S. P. 3 grs.	1 " 3	1 00	1 05
Ext. Bellad. alc. 1-3 gr.				Soda, Bi-Carbonate, 4 grs.	2 " 5	45	50
Oleo resin Capsici, 1-4 gr.	1 " 2	70	75	Squill Comp. U. S. P. 3 grs.	2 " 3	45	50
Sacchari lactul. 1 gr.				Stillingin, 1 gr.	2 " 5	70	75
Poppy Extract, 2 grs.	2 " 4	65	70	Stramonium Ext., 1/2 gr.	1 " 2	50	55
Potass. Tartrate of, and Iron,				" " 1 gr.	1 " 2	60	65
2 grs.	2 " 4	60	65	Strychnia, 1-48 gr. & 1-32 gr.	1 " 2	35	40
" Iodide, 2 grs.	1 " 5	80	85	" " 1-16 gr.	1	40	45
" Bromide, 1 gr.	3 " 6	70	75	Strychnia Compound,			
Potass. Permang. Cryst. 1-6 gr.	1 " 2	45	50	Strychnia, 1-30 gr.			
Quinaida Extract, 1 gr.	3 " 5	85	90	Arsenic, 1-30 gr. Quinia 1 gr. 1		1 80	1 85
Quinine and Aloes, 1 gr.				Iron by Hydrogen, 1 gr.			
Quinine 1/2 gr. Aloes 1/2 gr.	1 " 3	1 25	1 30	Syrphilitic.			
Quinine Sulph., 1/2 gr.	1 " 6	85	90	Potass. Iodid., 2 1/2-3 grs.	1 " 2	95	1 00
" " 1 gr.	1 " 3	1 35	1 40	Hydragr. Chlor. Corros. 1-40 gr.			
" " 2 grs.	1 " 2	2 70	2 75	Tartar Emetic, 1/2 gr.	1 " 2	45	50
" " 3 grs.	1 " 2	3 95	4 00	Taraxacum Ext., 3 grs.	3 " 6	70	75
Quinine Sulph., 1-2 gr.	1 " 4	1 10	1 15	Triplex, 3 grs.			
Quinine Compound.				Aloes, Ext. 2 parts,			
Quinine Sulph., 1 gr.				Podophyllin.			
Iron by Hydrogen 1 gr.	1 " 3			Blue Mass, aa 1 part.	1 " 2	70	75
Arsenious Acid 1-32 gr.		1 80	1 85	Uva Ursi, Ext., 2 grs.	1 " 7	65	70
Quinine Sulph. & Ext. Belladon.				Valerian, Ext. 3 grs.	1 " 5	85	90
Quinine 1 gr. Belladon. 1/2 gr. 1 " 4		1 80	1 85	Valerianate Ammonia, 1 gr.	2 " 3	95	1 00
Quinine Sulph. and Iron, 2 grs.				" " Iron, 1 gr.	1 " 3	1 20	1 25
Quinine 1 gr.				" " Morphia, 1/2 gr.	2 " 4	1 95	2 00
Iron by Hydrogen 1 gr.	1 " 4	1 80	1 85	" " Quinia, 1/2 gr.	1 " 2	95	1 00
Quinine Sulph. Iron and Strych.				Zinc, 1 gr.	1 " 3	65	70
Quinine 1 gr.				Veratria, 1-32 gr.	1 " 3	45	50
Iron Carb. Vallet's, 2 grs.	1 " 2	1 80	1 85	Veratrum Viride, Ext. 1/2 gr.	1 " 2	45	50
Strychnia Sulph. 1-60 gr.				" " " 1/2 gr.	1 " 2	60	65

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On Ophthalmic and Aural Diseases,	BY PROF. J. M. BODINE.
On Diseases of the Throat and Chest,	BY PROF. E. R. PALMER.
On Urinology and Diseases of the Nervous System,	BY PROF. J. W. HOLLAND.
On Public Hygiene,	BY PROF. T. S. BELL.
On Clinical Diseases of Women,	BY PROF. CROWE.
On Obstetrics,	BY DR. W. H. BOLLING.
On Clinical Surgery,	BY PROF. D. W. YANDELL.
On Operative Surgery and Surgical Dressings,	BY PROF. R. O. COWLING.
On Physiology and Diseases of Children,	BY DR. F. C. WILSON.
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I have used one-and-a-half ounces of the Cincho-Quinine, and I think very favorably of its effects. In a case of intermittent fever (the patient from Tennessee), I found it to operate as well and as promptly as sulphate of quinine, without any unpleasant cerebral symptoms. In no case have I discovered any unpleasant cerebral disturbance, as is often found in the use of the quinine.—J. M. ALDRICH, M. D., Fall River, Mass.

I have used several ounces of Cincho-Quinine with the most complete success. I prefer it to the sulphate of quinine in intermittents, especially with children. I can strongly recommend it to the profession generally.—J. H. FRET, M. D., Perry, Iowa.

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After further continued trial of the Cincho-Quinine, I can safely say that it is a most excellent remedy. The absence of cinchonism in its use, its comparatively pleasant taste, its cheapness, with its fully equal tonic and anti-periodic qualities, make it an article which must soon be indispensable in the list of remedies of every intelligent physician.—S. A. BUTTERFIELD, M. D., Indianapolis, Ind.

I have been using the Cincho-Quinine in my practice in intermittents and remittents, and I think well of it. I believe it to be quite equal to the sulphate, with all the advantages which you claim for it.—J. C. ROSS, M. D., Lincoln, Ill.

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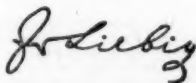
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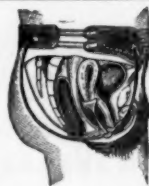
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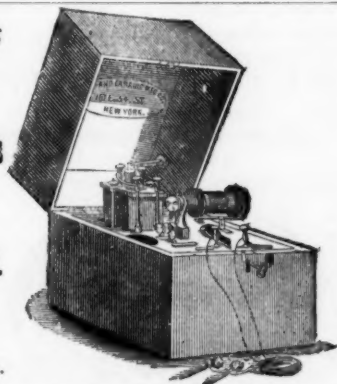
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(See Fig. 15.)

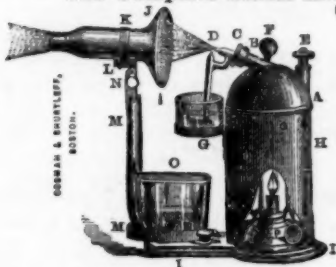


Fig. 15. Pat. Mar. 24, 1868 and Mar. 16, 1869.

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Fig. 5. Patented March 24, 1868.

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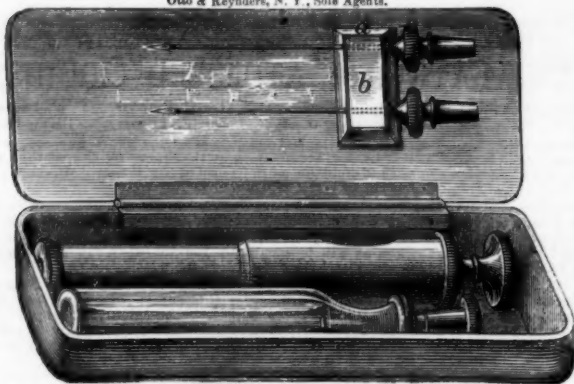
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{ Assafetida, 1½ " }	40	{ " Aloes Soc., }	40
{ Pv. Saponis, 1½ " }		{ " Zingib., }	
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{ Pv. Aloes Soc., ½ gr. }		GENTIAN COMP.	
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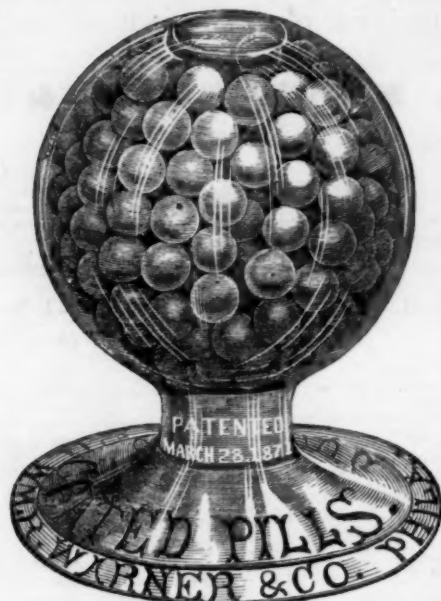
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PTYALIN,
PANCREATINE,
LACTIC ACID,
HYDROCHLORIC ACID.

One drachm of
LACTOPEPTINE
will digest from 12 to 15
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any kind of cooked Animal
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LACTOPEPTINE contains the five active agents of digestion, combined in the same proportion as they exist in the human system.

Its digestive power is from three to four times that of Pepsin, (described in the "United States Dispensatory," page 1685,) and has the all important advantage of dissolving all aliment used as food by mankind, while Pepsin acts only upon food of plastic nature.

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PEPSIN is one of the principle agents of digestion found in the gastric juice, and in conjunction with acid matter present in that secretion, will convert Albumen, Fibrin, Cassein, &c., into Peptone.

PTYALIN is the active principle of saliva. It has, until quite recently, been used but little medicinally, yet it is unquestionably one of the most important agents of digestion. It acts powerfully upon vegetable matter, by separating and dissolving the nutritious portion. One part of Ptyalin will separate the Dextrin and Glucose from 2,000 parts of Starch.

PANCREATINE is secreted by the Pancreas. It acts immediately and powerfully upon Oily and Fatty substances, emulsionizing and preparing them for assimilation. It also has the power of digesting all kinds of food, and has undoubtedly been given this property so as to act upon any matter that may pass the Pylorus imperfectly digested.

LACTIC and **HYDROCHLORIC ACIDS** are always found in the gastric juice, and their importance is shown from the fact that Pepsin will not change the character of the food without their presence.

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To two fluid ounces of water, add one drachm of Lactopeptine, half drachm of Hydrochloric or Lactic Acid, 15 drachms of cooked food (reduced to a pulpy consistency) allowing it to remain from four to twelve hours, occasionally agitated and heated to temperature of 105 deg.

Careful experiments and much study have been required in ascertaining the exact nature and proportion of each component part of LACTOPEPTINE, so as to furnish a preparation that represents all the various digestive agents that act upon food from mastication to its conversion into chyle.

Pepsin or any of the other digestive agents, when administered alone, bears very little comparison to the medicinal value of LACTOPEPTINE, and we confidently believe that it will entirely supersede their use. It is furnished at a price that will bring within reach of every class of practice.

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Physicians can test it with satisfaction, for its effects are positive and immediate. It is presented in a saccharated form and will be readily taken by the youngest child. It is used in the various forms of DYSPEPSIA, CHRONIC DIARRHŒA, VOMITING IN PREGNANCY, CONSTIPATION, GENERAL DEBILITY, and all diseases arising from Imperfect Nutrition.

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IMPORTANT CAUTION.

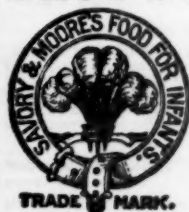
IMITATIONS of these Preparations are calculated to mislead the Public and produce serious disappointment, being nauseous to the taste, rapidly turning rancid, and entirely destitute of the Pancreatic Principles.

Whereas the **Genuine Emulsion and Pancreatine** are rich in Pancreatic Juice, pleasant to the taste, and keep perfectly good.

The Celebrity of the Pancreatic Preparations, on both sides of the Atlantic, and the urgent nature of the Maladies in which they are employed afford the strongest arguments in favour of the Genuine and against the use of the spurious compounds.

The **FORMULA** for preparing **PANCREATIC EMULSION** and **PANCREATINE** which was perfected by Messrs. **SAVORY & MOORE**, is **KNOWN ONLY TO THEM**, and it has hitherto baffled all the attempts that have been made in England and America to make preparations possessing similar properties and characteristics.

THE BEST FOOD FOR INFANTS.



"H.R.H. PRINCE ALBERT VICTOR
THRIVES SO WELL UPON THE FOOD YOU HAVE
PREPARED THAT IT MUST BE VERY GOOD."—T. M.
KENDALL, Medical Attendant, Sandringham.

"IT RESEMBLES MOTHER'S MILK AS
CLOSELY AS POSSIBLE" AND IS THE BEST
KIND OF LIEBIG'S FOOD.—Dr. BARKER, *on Right Foods*
for Infants.

"THE YOUNG PRINCE THRIVES UPON
IT AS A PRINCE SHOULD."—Dr. RICHARDSON.

Abounding in **FLESH-FORMING** and **BONE-FORMING** substances, this Food perfectly fulfils its object, whereas other so-called Foods, being entirely devoid of nourishing properties, induce a rickety and idiotic condition. It is also carefully freed from the ground husks of the wheat, which cause irritation of the bowels, diarrhoea, &c. Prepared by **SAVORY & MOORE**, Chemists to the Queen, **H.R.H. the Prince of Wales, &c.**, New Bond Street, London.

Sold by Chemists and Storekeepers throughout America.

ESTABLISHED 1857.

J. P. BARNUM, M. D., Manufacturing Chemist.

LOUISVILLE CHEMICAL WORKS

BARNUM & NICHOLAS, Proprietors.

Having purchased of the company, of which our Dr. J. P. Barnum was manufacturing chemist, all their stock, apparatus, and machinery, we shall continue the manufacture of

Strictly Pure Chemicals for Medical Use

ALL STANDARD PHARMACUTISTS' PREPARATIONS IN MEDICINE.

All our Formulæ are published from time to time in the various Medical and Pharmaceutical journals for the benefit of the profession. WE HAVE NO PRIVATE FORMULÆ, and CLAIM NO PROPRIETARY RIGHTS IN ANY GOODS OF OUR PREPARATION.

As some preparations have gone into the market the past year in our name for which the original proprietors and present owners are in nowise responsible, please observe the SIGNATURE OF OUR MANUFACTURING CHEMIST, WHICH IN THE FUTURE WILL BE WRITTEN ACROSS EVERY LABEL, and is OUR GUARANTEE for its efficacy and purity.

The following testimonials, were voluntarily tendered to the Louisville Chemical Works while under the supervision of our Manufacturing Chemist.

From H. A. Prout, M. D., President of the Academy of Sciences, St. Louis.

I have carefully examined the specimens of Chemical and Medical preparations manufactured at the Louisville Chemical Works, and have no hesitation in saying that they are equal to the best articles to be found in commerce.

Two samples of your chloroform were tested by the usual tests, and we believe them to be chemically pure. They were compared with a specimen from the house of Tromsdorff, of Berlin, Prussia, and also one from the manufactory of Flockhart & Duncan, of Edinburgh. The tests, viz., Sulphuric Acid in equal quantity, Evaporation, Bichromate of Potash, Nitrate of Silver, and Soubeyvan's Test furnish precisely the same result, proving that there is really no difference in their purity.

H. A. PROUT, M. D.,

Analytic Chemist and Pres't Acad. Sciences, St. Louis.

From Charles A. Pope, M. D., St. Louis.

For several years I have had occasion to use a number of the preparations from the Louisville Chemical Works. It affords me pleasure to declare my conviction of their *great excellence and purity*. I gladly wish them the extensive sale which their merit demands.

CHAS. A. POPE, M. D.

From E. S. Frazer, M. D., Professor of Obstetrics and the Diseases of Women and Children in Missouri Medical College, St. Louis.

Having used the medicines prepared at the Louisville Chemical Works extensively in my practice, I have no hesitation in recommending them as very superior—more fully meeting the indications described, and more satisfactory in their effects, than any preparations I have ever used.

E. S. FRAZER, M. D.

From Dr. T. S. Bell, of the University of Louisville.

* * * * * I take pleasure in discharging gratefully a duty I owe to your excellent preparations for medical purposes. From ample experience, I am able to say that I have found all your preparations fully equal to all the requirements of the U. S. Pharmacopœia. *I could not be induced to use any other chloroform for inhalation than yours*, or that prepared by Dr. Squib, of Brooklyn. I have found your Hoffman's Anodyne, Sweet Spirits of Nitre, various Fluid Extracts, and other important agents of the Materia Medica invaluable in the practice of medicine.

I am very truly yours,

T. S. BELL.

From John P. Hodgen, M. D., Professor of Anatomy and Physiology in Missouri Medical College, St. Louis.

I have used the Chloroform, Sweet Spirits Nitre, and Hoffman's Anodyne, from the Louisville Chemical Works, and take pleasure in stating that they have more *fully come up to my desires than any articles of the kind ever used by myself*.

JNO. P. HODGEN, M. D.

From Prof. Lewis Rogers, of the University of Louisville.

* * * * * I feel that I am doing a favor to the profession and general public in certifying to the excellence of the various pharmaceutical preparations of your Chemical Works in this city. In purity, scientific accuracy, and in all other regards, your articles fully come up to the requirements of the U. S. Pharmacopœia.

Very truly,

LEWIS ROGERS M. D.

FLUID AND SOLID EXTRACTS.

Prepared strictly according to the requirements of the U. S. Pharmacopœia, when Official, and when non-official according to the most approved formula, when each pint represents sixteen Troy ounces of the drug.

It is an unfortunate circumstance that so many manufacturers of Pharmaceutical Preparations ignore the national standard and furnish "improved" articles of an arbitrary and unknown strength, generally to reduce the cost. In regard to the so-called improvements, it is enough for us to know that they have been recently examined by those most competent to decide (*the revisors of the Pharmacopœia*) and *have not been adopted.*

While it is generally preferable to prepare Syrups, Tinctures, Wines, etc., from the crude material itself, it is frequently necessary to prepare these extemporaneously, for which reason each label embodies formulæ for preparing them from the Fluid Extracts. Price-list furnished on application.

CHLOROFORMUM PURIFICATUM, U. S. P.

A perfectly pure and reliable article of Chloroform was first offered to the public at these Works. The formula for its production was originated by Dr. J. LAWRENCE SMITH. It is regarded throughout the South and West as a standard of purity, and yields a product which, while prompt in its action, is at the same time safe. (*See analysis of Dr. H. A. Pratt.*) It not only is considered a standard of purity in the United States, but is used by the most distinguished oculists in Europe, who do not feel justified in using any other than "Smith" Chloroform to produce the deep coma required for their delicate operations. (*Remarks of D. W. Vandell, Professor of Clinical Surgery, University of Louisville.*) Per lb. \$2.00.

SULPHURIC ETHER AND HOFFMAN'S ANODYNE.

But one grade of these articles is made here, and that the strictly official article. They are prepared with the greatest care and put up in sealed packages, which may be regarded as our guarantee (see special note on first page) that the contents are of the best character, and will stand any chemical test and any reasonable exposure to which they may be subjected. Hoffman's Anodyne. Per lb. \$2.50.

COMPOUND SYRUP OF THE HYPOPHOSPHITES (*Churchill's Remedy*).

The reputation of this Syrup, as produced at these works, is so well established that it is used almost to the entire exclusion of the syrup of other manufacturers. It is a handsome and palatable article, prepared according to the process suggested by Dr. Churchill, of Paris, and communicated by him to Dr. Smith, who was the first to introduce its manufacture into the United States. Each fluid drachm contains the hypophosphites of lime two and a half grains, soda one and a half grain, potash one grain, and soda three fourths of a grain. Per doz. lbs. \$8.00.

COMPOUND SYRUP OF PHOSPHATES (*Chemical Food*).

Like the previous article, this preparation was first manufactured in this country at these works. Our process has always produced an article of uniform strength, which is palatable to the taste, and remains clear and unchanged for years.

It is considered very useful in the treatment of softening of the bones, marasmus, nervous debility, tuberculous and other analogous diseases.

Each fluid drachm contains one grain phosphate of iron, two and a half grains phosphate of lime, with small amounts of other phosphates. Per doz. lbs. \$8.00.

ELIXIR CALISAYA.

This preparation is already familiar to medical practitioners as an efficient and agreeable form for administering the bark. The tonic and anti-intermittent properties of the cinchona barks are well established, and they possess but one drawback in their extreme bitterness. This has been overcome to a great extent in the Elixir Calisaya, which, representing twelve grains of calisaya bark in the fluid ounce, is so combined with other ingredients as to make it an agreeable cordial, acceptable to the most delicate stomach. To persons suffering from dyspepsia, indigestion, general debility from sickness or other causes, etc., it will prove invaluable. It will be found one of the best, and at the same time harmless, preventives for fever and ague to persons exposed to its influence. Per doz. pints, \$9.00.

ELIXIR CALISAYA FERRATUM.

This valuable Tonic Elixir combines the remedial properties of five grains of Peruvian bark and two grains pyrophosphate of iron, in each tea-spoonful combined with aromatics. The elegant form in which these tonics are exhibited, freedom from the chalybeate taste of similar preparations, and its permanency will recommend it to physicians and consumers. Per doz. pints, \$9.00.

ELIXIR CALISAYA FERRATUM WITH STRYCHNIA.

This valuable tonic and antiperiodic Elixir contains in each fluid drachm (tea-spoonful) the remedial properties of five grains cinchona calisaya, two grains pyrophosphate iron, and one one-hundredth grain strychnia, with sufficient aromatics to free it from the chalybeate taste common in similar preparations, which, with its permanency, will recommend it to both physician and consumer.

To persons suffering from nervous prostration, symptoms of paralysis, anæmia, arising from diseases peculiar to females, or general debility from any cause whatever, it will commend itself as a general therapeutic agent. It also forms one of the most effective remedies ever used to prevent the recurrence of intermittent attacks when the chill is broken. Per doz. pints, \$9.00.

The Practitioner Advertiser.

ELIXIR CALISAYA FERRATUM WITH BISMUTH.

Each fluid drachm (tea-spoonful) of this valuable tonic contains the remedial properties of five grains cinchona calisaya bark, two grains pyrophosphate iron, and two grains ammonia citrate bismuth, with aromatics sufficient to render it palatable to a delicate stomach.

It is valuable in cases of anemia, chlorosis, and when a general tonic is required; and especially so when such cases are complicated with dyspepsia, irritable condition of the stomach and bowels, or chronic diarrhea. Per doz. pints, \$9.00.

ELIXIR CALISAYA FERRATUM WITH BISMUTH AND STRYCHNINE.

Each fluid drachm (tea-spoonful) of this valuable tonic and antiperiodic contains the remedial properties of five grains cinchona calisaya bark with two grains of pyrophosphate iron, two grains ammonia citrate bismuth, and one one-hundredth grain strychnine with aromatics.

To persons suffering from nervous prostration, intermittent attacks, symptoms of paralysis, anemia arising from diseases peculiar to females or general debility, when complicated with dyspepsia, irritable condition of the stomach and bowels, diarrhea, etc., this Elixir will commend itself as a valuable therapeutic agent. It is especially valuable as an antiperiodic to prevent the return of intermittent attacks when once broken. Per doz. pints, \$9.00.

ELIXIR OF PEPSIN, BISMUTH, AND STRYCHNINE.

This agreeable preparation, although adapted to any form of dyspepsia, is especially valuable in cases where this disease is complicated with general debility.

Each fluid drachm (tea-spoonful) contains five grains pepsin, one one-hundredth grain strychnine, one grain ammonia citrate bismuth, with aromatics. Per doz. pints, \$15.00.

FERRATED WINE OF WILD-CHERRY.

Each dessert-spoonful of this valuable and agreeable sedative tonic contains the medicinal properties of thirty grains of wild-cherry bark and eight grains citrate of iron.

It is especially valuable where the system requires the tonic effect of iron, with an arterial sedative. Per doz. pints, \$9.00.

WINE OF PEPSIN.

Wine of Pepsin carefully prepared from fresh calves' rennets. Each fluid ounce contains five grains of pepsin in solution in pure old Sherry wine. Per doz. pints, \$15.00.

SYRUP PHOSPHATE IRON, QUININE, AND STRYCHNINE.

A powerful general tonic, stomachic, readily-assimilable chalybeate, well adapted to certain chlorotic and anemic states, used in morbid conditions of the nervous system, chronic diseases of the kidneys, many forms of cutaneous diseases where a tonic effect is desired, and in cases of strumous children threatened with scrofulous degeneration, and ultimately with localized tubercular development. One grain of phosphate iron, one grain phosphate quinia, and one thirty-second grain phosphate strychnia to the drachm (tea-spoonful) of syrup. Per doz. lbs. \$15.00.

SPIRITUS ÆTHERIS NITRICI.

Sweet Spirits of Nitre has fallen into disuse with many practitioners in consequence of its liability to decomposition. This is owing either to want of care in its manufacture, or, as is too often the case, from fraudulent additions of water to decrease its price. Water is injurious not only as a diluent, but is a most efficacious promoter of decomposition.

We have samples of this article, manufactured by us more than two years ago, which have remained until now unchanged, although frequently exposed to light and air. Our Spis. Nit. Dulce contains five per cent. of pure ether. Per lb. in 5 lb. packages, 35 cts.

CAUTION!

As close imitations of our preparations are in the market, in ordering our goods of others specify

LOUISVILLE CHEMICAL WORKS,

and see that the SIGNATURE OF OUR MANUFACTURING CHEMIST IS WRITTEN ACROSS EACH LABEL.

Physicians and druggists failing to obtain our preparations through dealers will be furnished by us at the lowest market price, with freight prepaid, on notifying us of the fact.

ESTABLISHED 1848.

Silver Medal awarded by Ohio Mechanics' Institute, 1860.

Large Silver Medal awarded by Cin. Industrial Exposition, 1870.
FIRST PREMIUM awarded by Cincinnati Industrial Exposition, 1872,
FOR BEST GLYCERIN.

FIRST PREMIUM awarded by Cincinnati Industrial Exposition, 1873,
FOR BEST GLYCERIN.

Special Premium awarded for Sugar Coated Pills.

All the above Premiums were awarded for superiority of my articles over those of other competitors.

W. J. M. GORDON,
MANUFACTURING CHEMIST,
LABORATORIES:

Eggleston Ave., Culvert and Fifth Streets, and Branch Street.

OFFICE AND WAREHOUSE:

142 WALNUT ST., CINCINNATI.

I solicit special attention to the following articles. I offer every advantage to purchasers that can be obtained of any MANUFACTURER in this country.

Glycerin and Chemicals of all kinds; Medicinal Fluid and Solid Extracts; Resinoids and Oleo-Resins; Packed Herbs, Roots and Barks; Pure Powdered Drugs; Ground Drugs of all degrees of fineness for percolation or other use; Sugar Coated Pills and Granules, Plasters, Ointments, Cerates, Syrups, Tinctures, Wines and Pharmaceutical Preparations generally.

A liberal discount made according to amount purchased.

Special Quotations made for large quantities.

SUGAR COATED PILLS

Of the U. S. Pharmacopœia and from Receipts of Eminent Physicians.

WE claim for our SUGAR-COATED PILLS the indispensable qualities of SOLUBILITY and PERMANENCY. They are prepared of the best materials, and perfectly reliable.

			Price per bottle of	
			100	500
			each.	each.
ACID, ARSENIOUS, 1-20, 1-30, 1-40, 1-50, 1-60 gr.....			\$4 00	\$1 75
ACONITIA, 1-60 gr.....			75	3 50
AGUE, { Chmoldin, 2 grs. }				
	{ Ext. Col. Co. 1/2 " }			
	{ Ol. Pip. Nig. 1/2 " }			
	{ Ferri. Sulph. 1/2 " }		75	3 50
ALOES, U. S. P. { Pulv. Aloes Scot., 2 grs. }				
	{ " Saponis, 2 grs. }		40	1 75
" COMP., { Ext. Gent., 2-3 gr. }				
	{ Aloes Scot., 2-3 gr. }		50	2 25
U. S. P., { Pulv. Rhel., 1-13 gr. }				
	{ Ol. Carai., 1-5 gr. }			
" et ASSAF., { Pulv. Aloes Scot., 1-13 grs. }				
	{ Asafoetida, " " }		40	1 75
U. S. P., { Pulv. Saponis, " " }				
	{ " Aloes Scot., 1-2 gr. }			
" et FERRI, { " Zingib. Jam., 1 gr. }				
	{ Ferri Sulph. Exsic., 1 gr. }		40	1 75
	{ Ext. Conii, 1-2 gr. }			
" et MASTICH, (Lady { Pv. Al. Scot., 1-12 gr. }				
	{ Webster's Dinner Gum Mastich., 1-4 gr. }		50	2 25
	{ Flor. Rose, 1-4 gr. }			
ALOES, et MYRRH { Pulv. Aloes Scot., 2 gr. }				
U. S. P., { " Myrrhe, 1 " }			50	2 25
	{ Croci Stigmat., 1-2 " }			
" et NUX VOMICA, { Pulv. Aloes Soc: 1 1/2 gr. }				
	{ Ext. Nux Vomica, 1/2 gr. }		50	2 25
ALTERNATIVE, { Mass. Hydrargyri, 1 gr. }				
	{ Pulv. Opii, 1-8 gr. }		50	2 25
	{ " Ipecac., 1-8 gr. }			

My facilities for the manufacture of Sugar Coated Pills and
 Manufactures are excelled by no house in the country, and for the
 quantity of finish and reliability cannot be surpassed, and the
 aid of improved machinery, I am enabled to make Pills and
 Manufactures of all kinds, and to execute all the processes
 attendant upon the manufacture of pills, and the use of gums
 and resins incorporated by me in coating, whereby the use of gums
 and resins is discarded, and the pills enveloped in a coating
 of pure sugar, thereby ensuring solubility and elegance.

Special and prompt attention given to the manufacture of
 Private Formulas for Pills, in lots of not less than three thou-
 sand, and each As we have more than usual facilities for manu-
 facturing pills, parties can rely always upon getting any pri-
 vate Formulas entrusted to our care, promptly. All such
 receipts are strictly confidential.

My facilities for the manufacture of Sugar Coated Pills and
 Manufactures are excelled by no house in the country, and for the
 quantity of finish and reliability cannot be surpassed, and the
 aid of improved machinery, I am enabled to make Pills and
 Manufactures of all kinds, and to execute all the processes
 attendant upon the manufacture of pills, and the use of gums
 and resins incorporated by me in coating, whereby the use of gums
 and resins is discarded, and the pills enveloped in a coating
 of pure sugar, thereby ensuring solubility and elegance.

Special and prompt attention given to the manufacture of
 Private Formulas for Pills, in lots of not less than three thou-
 sand, and each As we have more than usual facilities for manu-
 facturing pills, parties can rely always upon getting any pri-
 vate Formulas entrusted to our care, promptly. All such
 receipts are strictly confidential.

My facilities for the manufacture of Sugar Coated Pills and Granules are second to none in the country, and the reliability of my products cannot be surpassed. By the use of improved machinery I am enabled to make Pills mathematically correct in size and spheroidity, and my process (alone employed by me) in coating, whereby the use of gums and resins is discarded, and the pills enveloped in a coating of pure sugar, thereby ensuring solubility and elegance.

Special and prompt attention given to the manufacture of Private Formulas for pills, in lots of not less than three thousand each. As we have more than usual facilities for manufacturing pills, parties can rely always upon getting any private Formulas entrusted to our care, promptly. All such receipts are strictly confidential.

W. J. M. Gordon's Price List of Sugar-Coated Pills.

	Bottles of 100		600	
AMMON. BROMID, 1 gr.....	75	3 50		
AMMON. VALEMIANATE, 1 gr.....	1 50	7 25		
ANDERSON'S SCOTS, {	40	1 75		
{ Pulv. Aloes Socot., 1 gr				
{ " Sapon. Hispan., 1-8 gr				
{ " Fruct. Colocyn., 1-2 gr				
{ " Gambogia, 1-4 gr				
{ " Oleum Anisi., 1-8 gr				
ANTI-BILIOUS, { Pulv. Ext. Coloc. C. 2-12 grs. }	60	2 75		
(Vegetable) { Podophyllin, 1-4 gr. }				
ANTI-DYSPEPTIC, {	1 00	4 75		
{ Strychnine, 1-40 gr.				
{ Ext. Belladonnae, 1-10 " }				
{ Pulv. Ipecac., " "				
{ Mass. Hydrarg., 2 " "				
{ Ext. Coloc. Co., 2 " "				
ANTI-CHILL, {	1 20	5 75		
{ Chinoidine, 1 gr.				
{ Ferri Ferrocyan., 2 grs.				
{ Ol. Piper Nig., 1 gr.				
{ Arsenic, 1-20 gr.				
ANTI-EPILEPTIC, {	2 60	29 75		
{ Iron Hydrocyanic, 1-2 gr.				
{ Valerianate Quinine, 1 " "				
{ Zinc, 1-2 " "				
{ Ext. Valerian., 1 " "				
{ Quinine Sulph., 1 gr.				
{ Ferri Sul. Exs., 1-4 " "				
ANTI-MALARIAL, {	2 25	11 00		
(McCaw) { Ol. Res. Pip. Nig., 1-16 " "				
{ Ac. Arsenic., 1-80 " "				
{ Gelsemin., 1-4 " "				
{ Podophyllin, 1-8 " "				
ANTIMONIUM COMP. {	40	1 75		
{ Calomel				
{ U. S. P., (Pil. Calomel Comp.) { Oxysulph. Antimony,				
{ Guaiacum Resin.				
ANTHELMINTIC, {	1 00	4 75		
{ Santonin,				
{ Calomel, aa, 1 gr. }				
{ Cinchon Sulph., 1 gr.				
{ Ferri Sulph. Exs., 1 " "				
ANTIPERIODIC, {	1 00	4 75		
{ Ext. Quassia, 1-2 " "				
{ " Rhei., 1-4 " "				
{ Pulv. Myrrhae, 2-3 " "				
APERIENT..... {	90	4 25		
{ Ext. Nux. Vomica, 1-3 gr.				
{ Hyoscyam., 1-2 " "				
{ Coloc. Comp., 2 " "				
{ Pulv. Rhei., 1-4 gr.				
{ " Aloes Socot., 1-4 " "				
{ " Ipecac., 5-12 " "				
{ " Nuc. Vomica, 1-2 " "				
{ Ext. Coloc. Co., 1/2 gr.				
{ Pulv. Rhei., 2 " "				
{ Ext. Hyoscyami, 1-6 " "				
{ Ol. Cari.				
APOCYNUM, 2 grs.....	70	3 25		
ASAFCETIDA, U. S. P.....	40	1 75		
{ 2 grs.....	40	1 75		
{ COMP..... { Asafetida, 2 grs. }	40	1 75		
{ " Ferri Sulph. Ex., 1 " "				
{ " Asafetida, 1 gr.				
{ " et RHEI..... { Pulv. Rhei., 1 " "	75	3 50		
{ Ferrum per Hyd., 1 " "				
ATROPIA, 1-60 gr.....	75	3 50		
BALLOU..... {	75	3 50		
{ Ext. Col. Comp., 1 gr.				
{ " Jalape, 1 " "				
{ Hyd'g. Chlor. Mit., 1 " "				
{ Pulv. Ipecac., 1-8 " "				
BELLADONNA EXT. (Eng.), 1/2 gr.....	40	1 75		
{ 1/2 gr.....	40	1 75		
{ 1/2 gr.....	60	2 75		
BI SMUTH, SUB. CARB., 3 grs.....	75	3 50		
{ SUB-NIT., 3 grs.....	75	3 50		
BI SMUTH et NUX {	1 50	25		
{ Bi smuth Sub. Carb. 4 grs. }				
{ VOMICA, { Ext. Nux. Vomica, 1/2 " "				
{ " and NUX VOM. { Bi smuth Subnit., 5 " "	1 50	7 25		
{ " and IGNATIA... { Ext. Nux Vom., 1/2 " "				
{ " and IGNATIA... { Bi smuth Sub-Carb., 4 grs. }	1 50	7 25		
{ " and IGNATIA... { Ext. Ignatia Amara, 1/4 " "				
CAFFEIN CITRAT., 1 gr.....	4 50	22 25		
CALOMEL, 1-2 gr., 1 gr., 2 grs., 3 grs.....	40	1 75		
{ 5 grs.....	50	2 25		
{ COMP., { Calomel,				
{ Plummer's) { Oxysulph. Antimony,				
{ 3 grs. { Guaiacum Resin., }	40	1 75		
{ et IPECAC. { Calomel, 1 gr.				
{ COMP. { Pow'd. Ipecac. Comp., 3 1-3 " "	50	2 25		
{ Ext. Gentiana. q. s. }				

On receipt of TEN DOLLARS I will send to Physicians, Express Freight Prepaid, as follows:

SUGAR COATED PILLS, FLUID EXTRACTS, AND RESINOIDS.

As the purchaser may select, at List Price, amounting to \$15.00 I make this liberal offer as an inducement for those who have not used my articles to give them a trial.

A complete Price Current and Dose Book furnished on application. Pills sent by Mail in quantities not over 12 ounces.

W. J. M. Gordon's Price List of Sugar-Coated Pills.

		Bottles of 100 500	
CALOMEL et OPII	{ Calomel, 2 grs. } Opium, 1 " }	1 00	4 75
CALOMEL et RHEI	{ Calomel, 1-3 gr. Ext. Rhei, 1-2 " }	75	3 50
CAMPHOR et HYOS- CYAMUS.	{ Coloc. Co., 1-2 " Hyoscyami, 1-6 " Gum Camphor, 1 gr. Ext. Hyos. Eng. 1 " }	50	2 25
CAMPHOR COMP. 3 grs.	{ Gum Camphor, 1 gr. Powd. Kino, 1 " Powd. Opium, 1 " Ext. Capsicum, 1-16 " }	90	4 25
CANNABIS INDICA	EXT. 1/4 gr.	60	2 75
CATHARTIC COMP. U. S. P.	{ Ext. Coloc. Comp., 1 1/2 gr. " Jalapae, 1 " " Calomel, 1 " " Pulv. Gambogiae, 2-9 " " Ext. Coloc. Simp., 1-3 " " Podophyllin, 1-4 " " Pulv. Res. Scam., 1-3 " " " Aloes Socot. 1 1-4 " " " Cardamomi, 1-9 " " " Saponis, 1-3 " " Ext. Coloc. Comp. 1 " "	60	2 75
CATHARTIC COMP. U. S. P., (Improved). 3 grs.	{ Jalapae, 1/2 gr. Podophyllin, 1/2 " " Leptandrin, 1/2 " " Ext. Hyoscyamus, 1/2 " " " Gentiana, 1/2 " " Ol. Menth. Pip., 1/2 " "	60	2 75
CAULOPHYLIN, 1-10 gr.		40	1 75
CERRI OXALAS, 1 gr.		1 00	4 75
CHAPMAN'S DINNER PILLS	{ Pulv. Aloes Soc., " Rhei Opt., Gum Mastich, }	60	2 75
CHINOIDIN, 1 gr.		40	1 75
" 2 grs.		50	2 25
" Comp.	{ Chinoidin, 2 grs. Ferri Sulph. Exsic., 1 gr. Oleo-resin, Pip.N., 1/4 gr. }	1 00	4 75
CHIRKETA, EXT. 3 grs.		1 50	7 25
CIMICIFUGEN, 1-10 gr.		40	1 75
CINCHONA SULPHATE, 3 grs.		1 00	4 75
CINCHONIDIA SULPH., 1/4 gr.		50	2 25
" " 1/2 "		70	3 40
" " 2 "		1 35	6 25
" " 3 "		2 00	9 50
COCCIA	{ Res. Scammony Pure, 1 gr. Pulv. Aloe Socot., 1 1/2 " " Colocynth, 1/2 " Potass. Sulph., 1/2 " Ol. Caryoph., 1/2 " }	90	4 25
CODIA, 1-16 gr.		3 05	15 00
COLOCYNTHIDIS COMP., 3 grs. (Extract Colocynth Comp. U. S. P.)		80	3 75
COLOCYNTH et HYDRARG et IPECAC.	{ Pulv. Ext. Coloc. Comp., 2 grs. Pil Hydarg., 2 grs. Pulv. Ipecac., 1-6 gr. }	75	3 50
COLOCYNTH et HYOSCYAMUS	{ Ext. Col. Co. 2 1/2 grs. Ext. Hyoscyamus 1 1/2 " }	75	3 50
COOK'S, 3 grs.	{ Pulv. Aloes Soc., 1 gr. " Rhei, 1 gr. Calomel, 1/2 gr. Sapon. Hispan., 1/2 gr. }	50	2 25
COPAIBA, U. S. P., 3 grs.		50	2 25
" Comp.,	{ Pil. Copaiiba, Resin Guaiac, Ferri Cit., Oleo-Resin, Cubeba, " et Ext. Cubeba, } Pil. Copaiiba, 1 gr. Oleo-Resin Cubeba, 1 gr. }	80	3 75
CORROSIVE SUBLIMATE, 1-12, 1-20, 1-30 and 1-40 grs.		40	1 75
DIGITALIN, 1-60 gr.		75	3 50
DIGITALIS COMP.,	{ Pulv. Digital. Eng., 1 gr. " Scillas, 1 " " Potass. Nit., 2 " "	50	2 25
DIURETIC,	{ Sapo Hispan. Pulv. 2 grs. Sodae Carb. Exsic., 2 grs. Ol. Bacca Junip. 1 drop. }	50	2 25
DUPUYTREN,	{ Pulv. Guaiac, 3 grs. Hydg. Chlor. Corros., 1-10 gr. Pulv. Opii, 1/2 gr. }	50	2 25

From the Lancet and Observer, Cincinnati.

"Practical Chemistry, so far as the preparation of standard drugs is implied, is being carried to a very high state of perfection in this city. For example, we recently visited the Laboratory of W. J. M. Gordon, and studied all its various arrangements and plans for manufacturing Chemicals. Mr. Gordon makes vast quantities of Glycerin, and to show the great change which is going on in many of these matters, we simply remark that Mr. Gordon pays over \$..... a year to one house in this city for refuse material for the manufacture of Glycerin, which formerly went out into the city sewers. So much for utilizing the waste products. In this Laboratory we also found attractive processes under full headway for the manufacture of Bromide of Potash, Hyd. Chloral and other Chemicals in particular demand. Physicians and Druggists from the country may find it worth while to look through this Laboratory and see what is doing. The proprietor will gladly make them welcome, and explain the details of his work."

W. J. M. Gordon's Price List of Sugar-Coated Pills.

	Bottles of 100	500
ELATERIUM (Clatterbuck's), 1-10 gr.....	1 00	4 75
EMMENAGOGUE, { Ferri Sulph., 1½ gr. } (Mutter) { Aloe Socot. Pulv., 1½ gr. } { Terebinth Alb., 1½ gr. }	40	1 75
EMMENAGOGUE, { Ergotine, 1 gr. } { Ext. Hellebore Nig., 1 gr. } { Aloes, 1 gr. } { Ferri Sul., 1 gr. } { Ol. Sabina, ½ gr. }	1 40	6 75
FEL., BOVINUM, { Oz gall, 2 grs. } { Powd. Jam. Ginger, 1 gr. }	50	2 25
FERRI (Quevenne's), 1 gr.....	50	2 25
" " 2 grs.....	75	3 50
" " CARB. Vallett's, U. S. P., 3 grs.....	40	1 75
" " CITRATE, 2 grs.....	50	2 25
" " COMP., U. S. P.....	40	1 75
FERRI FERROCYANID., 5 grs.....	50	2 25
" " IODID., 1 gr.....	65	3 00
" " LACTAT., 1 gr.....	50	2 25
" " PYROPHOSPHATE, 1 gr.....	40	1 75
" " SULPH. EXSICCAT., 2 grs.....	40	1 75
" " VALER., 1 gr.....	1 00	4 75
FERRI ET QUAS. { Fer per Hydrogen, 1½ grs. } et Nuc. Vom. { Ext. Quassia, 1 gr. } { " Nux Vom., ½ gr. } { Pulv. Saponis, ½ gr. }	75	3 50
FERRI ET QUINLÆ CIT., 1 gr.....	75	3 50
" " 2 grs.....	1 40	6 75
" " ET STRYCHNINÆ, { Strychnia, 1-60 gr. } { Fer. per Hydrog., 3 grs. } { Quevenne's, 2 grs. }	75	3 50
" " et STRYCHNINÆ CIT., { Strych. Cit. 1-50 gr. } { Ferri Cit. 1 gr. }	75	3 50
GALBANIA COMP., U. S. P. { Galbanum, 11-2 gr. } { Pulv. Myrrh., 11-2 " } { Assafetida, 11-2 " }	50	2 25
GAMBOGILÆ COM. P. { Pulv. Gambogiae } { Aloe Socot, 1 gr. } { Zingib. Jam., 1 gr. } { Saponis, 1 gr. }	40	1 75
GENTIAN COMP., { Ext. Gentian, 2-3 grs. } { Aloe Socot 2-3 " } { Pulv. Rhei, 1-1 ½ " } { Ol. Carui, 1-5 " } { Pulv. Cubebe, 2 grs. }	50	2 25
GNORRHÆLÆ..... { Bals. Copaiba Solid, 1 gr. } { Ferri Sulph. Exsic., 1-2 " } { Terebinth, Venet., 11-2 " }	90	2 75
GELSEMIN, 1-16 gr.....	40	1 75
" " 1-8 gr.....	50	2 25
HELONIN, 1-10 gr.....	50	2 25
HEPATICA, { Pil. Hydrarg., 3 grs. } { Ext. Colocynth Comp., 1 " } { Hyoscyami, 1 " } { Aloe Socot., 1 gr. } { Ferri Sulph. Exsic., 1 gr. }	90	4 25
HOOPEE (Female Pills), 2 1-2 grs. { Ext. Hellebor, 1 gr. } { Pulv. Myrrh., 1 gr. } { Saponis, 1 gr. } { Canelle, 1 gr. } { Zingib. Jam., 1 gr. }	40	1 75
HYDRARGYRI, U. S. P., 5 grs.....	40	1 75
" " 5 grs.....	50	2 25
" " COMP..... { Mass. Hydrarg., 1 gr. } { Pulv. Opil., 1-2 " } { Ipecac., 1-4 " }	90	4 25
HYDRARG. IODIDE, 1-4 gr.....	40	1 75
" " 1-2 gr.....	50	2 00
" " RUB., 1-16 gr.....	40	1 75
" " IOD. et OPIL., { Hyd'g. Iodid., 1 gr. } { Ricord's, { Pulv. Opil., 1-4 " }	75	3 50
HYDRASTIN, ½ gr.....	95	4 50
HYOSCYAMUS EXT. (Eng.) 1-2 gr.....	40	1 75
IGNATIÆ AMARÆ EXT., 1-4 gr.....	50	2 25
IPECAC et OPIL. (Pulv. Doveri, U. S. P.) 3 1-3 grs.....	50	2 25
IPECAC et OPIL., 5 grs.....	65	3 00
IODOFORM, 1 gr.....	70	7 75
" " et FERRI, { Ferrum per Hydrogen, 1 gr. } { Iodoform, 1 " }	2 00	9 75
IRISIN COMP., { Irisin, 1-4 gr. } { Podophyllin, 1-10 " } { Strychnine, 1-40 " }	50	2 25

From Prof. John King, Editor American Eclectic Dispensatory, King's American Practice, &c.:

"For the last five or six years I have made use of a considerable quantity of Glycerin manufactured by W. J. M. Gordon, of this city, for medicinal purposes, and I have no reason whatever for complaint, as it has in every instance answered the purpose admirably. I have likewise used in my practice the leading Eclectic preparations manufactured by him, as Resin of Mandrake or Podophyllin, Leptandrin, Iridin, Aletin, Alcoholic Extracts of Black Cohosh, as well as several Fluid Extracts, and have been much pleased with their actions, as they have invariably fulfilled the indications for which they are prescribed. I therefore take great pleasure and satisfaction in recommending Mr. Gordon to the Eclectic profession as one among our many excellent manufacturers whose preparations may be relied upon."

JOHN KING, M. D.

[Signed.]

W. J. M. Gordon's Price List of Sugar-Coated Pills.

		Bottles of 100 500	
LEPTAND. COMP.	{ Leptandrin, 1 gr. Irin, 1/2 " }	1 00	4 75
LEPTANDRIN, 1-8 gr.	.....	40	1 75
" 1-4 gr.	.....	40	1 75
" 1-2 gr.	.....	50	2 25
" 1 gr.	.....	75	3 50
LUPULIN, 3 grs.	.....	40	1 75
MACROTIN, 1-10 gr.	.....	40	1 75
MAGNESIÆ et RHEI, [1 gr. each]	.....	40	1 75
MORPHIÆ ACET., 1-8	.....	70	3 25
" SULPHATE 1-20 gr.	.....	40	1 75
" " 1-10 gr.	.....	60	2 75
" " 1-6 gr.	.....	80	3 75
" " 1-3 gr.	.....	70	3 25
" " 1-4 gr.	.....	1 00	4 75
" VALERIAN., 1-8 gr.	.....	1 00	4 75
MORPHIÆ COMP.	{ Mor. Sulph., 1-4 gr. Ant. et Pot. Tart., 1-4 " }	1 50	7 25
	{ Calomel, 1-4 " }	1 50	7 25
NEURALGIC.	{ Quinise Sulph., 2 grs. Morphia Sulph., 1-20 " }	3 00	14 75
Prof. S. D. Gross	{ Strychnia, 1-30 " Acid Arsenious, 1-20 " Ext. Aconiti, 1-2 " }	3 00	14 75
" [Gross], without	Morphia.....	3 00	14 75
NEURALGIC, IDIOPATH.	{ Ext. Hyocyam, 2/3 gr. " Coni., 2/3 " }	2 00	9 75
	{ " Ignat. Am., 2/3 " }	2 00	9 75
	{ " Opil., 2/3 " }	2 00	9 75
	{ " Aconiti, 2/3 " }	2 00	9 75
	{ " Cannab. Ind., 2/3 " }	2 00	9 75
	{ " Stramon., 1-6 " }	2 00	9 75
	{ " Belladonnae, 1/2 " }	2 00	9 75
NUC. VOMICA EXT., 1-4 gr.	.....	40	1 75
" 1-2 gr.	.....	40	1 75
OPII, U. S. P., 1 gr.	.....	75	3 50
" et CAMPHORÆ { Pulv. Opii, 1 gr. Camphoræ, 2 " }	.....	1 00	4 75
" et CAMPH. et TANNIN, { Pulv. Opii, 1-4 gr. Camphoræ, 1 " }	.....	1 00	4 75
OPII, et PLUMBI ACET., { Acid Tannic, 2 grs. Pulv. Opii, 1-2 gr. Plumbi Acet., 11-2 grs. }	.....	75	3 50
PHOSPHORUS, 1-50 gr.	.....	1 00	4 75
" 1-100 "	.....	1 00	4 75
" COMP.	{ Phosphorus, 1-100 gr. Ext. Nuc Vom., 1-4 " }	1 25	6 00
PHOSPHORUS, 1-100 gr.	.....	1 75	8 50
IRON & NUX VOMICA, { Ferri Carb. (Vallet's) 1 " Ext. Nuc Vomica, 1/2 " }	.....	1 75	8 50
PODOPHYLLIN, 1-10 gr.	.....	40	1 75
" 1-4 gr.	.....	40	1 75
PODOPHYLLIN, 1-2 gr.	.....	50	2 25
" 1 gr.	.....	75	3 50
PODOPHYLLIN COMP., { Podophyllin, 1-2 gr. Ext. Hyocyami, 1-8 " }	.....	75	3 50
" " { " Nuc. Vom., 1-16 " }	.....	75	3 50
PODOPHYLLIN et Belladonna { Podophyllin, 1/2 gr. Ext. Bellad., 1/2 " }	.....	75	3 50
" " { Ol. Res. Capsici, 1/2 gr. Sacchari Lact., 1 " }	.....	75	3 50
PODOPHYLLIN COMP. (Eclectic.) { Podophyllin, 1/2 gr. Leptandrin, 1-16 " Juglandin, 1-16 " Macrotin, 1-32 " Ol. Capsici, 1 " }	.....	75	3 50
PODOPHYLLIN et HYOSCYAMUS, { Podophyllin, 1/2 gr. Ext. Hyoscyamus, aa 1/2 gr. }	.....	60	2 75
" et HYDRARG. { Podophyllin, 1-4 gr. Fil. Hydrarg., 2 " }	.....	50	2 25
POTASS. BROMID., 1 gr.	.....	75	3 50
" 5 grs.	.....	1 25	6 00
" IODID., 2 grs.	.....	85	4 00
" PERMANG. CRYST., 1-8 gr.	.....	50	2 25
QUINÆ SULPH., 1-2 gr.	.....	85	4 00
" 1 gr.	.....	1 40	6 75
" 3 grs.	.....	2 75	13 50
" 3 grs.	.....	4 00	19 75

From the Chicago Price Current and Chemical Repository:—Prof. H. D. Garrison, Editor.

"A few weeks ago we had the pleasure of visiting the large manufacturing establishment of W. J. M. Gordon, of Cincinnati. Mr. Gordon, long noted as the leading manufacturer of Glycerin in this country, is producing a perfectly odorless, colorless, concentrated and absolutely chemically pure Glycerin, all of which he warrants, and we must say that the specimen shown us, which was taken from the common stock as it flowed from the still, fully corroborates his statement. We can not conceive any good reason for importing Glycerin, much of which is very impure, when so perfect an article is produced by our neighbor, and offered at prices far below what an imported brand can be sold for of the same quality."

W. J. M. Gordon's Price List of Sugar-Coated Pills.

	Bottles of 100	500
QUINLE VALERIANATE, 1-2 gr.....	2 00	9 75
" " 1 gr.....	3 50	17 25
" " 2 grs.....	4 00	19 50
" COMP.....	{ Quinia Sulph., 1 gr., Ferri per Hydrogen, 1 " " Acid. Arsenious, 1-60 " }	1 75 8 50
QUINLE et COLO.....	{ Quinia Sulph., 1 " " Ext. Col. Comp., 1 " " Igat. Amar., 1-2 " "	2 25 11 00
CYNTH. COMP.....	{ Piperine, 1-2 " " Morph. Sulph., 1-12 " "	
QUINLE et EXT. BEL.....	{ Quinia Sulph., 1 gr., Ext. Belladon., 1-4 " "	1 75 8 50
LADONNE.....	{ Quinia Sulph., 1 gr., Ferri Carb. [Vallet's], 2 grs. }	1 75 8 50
QUINLE et FERRI FER.....	{ Quinia Sulph., 1 gr., Ferri Ferrocy., 1 " "	
ROCYAN.,	{ Oleo-Res. Capsici, 1-20 " " Gelsemin, 1-20 " " Podophyllin, 1-20 " " Strychnia, 1-60 " "	2 25 11 00
QUINLE et FERRI.....	{ Quinia Sulph., 1 gr., Ferrum per Hydrogen, 1 " "	1 75 8 50
QUINLE et FER.....	{ Quinia Sulph., 1 gr., Ext. Ignati Amar., 2 " "	1 75 8 50
RI LACT. COMP.....	{ Ferri Lactas, 1 " " Quinia Sulph., 1 " "	
" et FER.....	{ Ferri Carb. [Vallet's], 2 " "	1 75 8 50
STRYCH.....	{ Strych. Sulph., 1-60 " "	
QUINLE et FERRI.....	{ Phos. Quinia, 1 gr., Iron, 1 " "	1 75 8 50
et STRYCH.....	{ Strych. 1-60 " "	
PHOS.....	{ Iodoform, 1 gr., Ferri Carb. [Vallet's], 2 " "	3 00 14 75
QUINLE, IO-DOFORM &.....	{ Quinia Sulph., 1 gr., 1/2 " "	2 00 9 75
IRON, Quinia, Valerianate, 1/2 gr.....		3 50 17 25
" et FERRIVALEE, 2 grs.....	{ Quinia Sulph., 1 gr., Mass. Hydrarg., 2 " "	1 75 8 50
" et HY-DRARG.....	{ Oleo-Resin, Pip. Nig., 1-4 " "	
" et STRYCHNIA, {	{ Quin. Sulph., 1 gr., Strychnia, 1-60 " "	1 75 8 50
" et ZINCOL VALER.....	{ Quin. Valer. 1 gr., Zincol. Valer. 1 " "	4 00 19 75
RHEI, U. S. P., {	{ Pulv. Rhei, 3 grs., Saponis, 1 gr. }	75 3 50
RHEI, COMP., U. S. P. {	{ Pulv. Rhei, 2 grs., Aloes Socot, 1 1/2 grs., Myrrh, 1 gr., Ol. Menth Pip., }	75 3 50
" et HYDRARG. {	{ Pulv. Rhei, Mass. Hydrarg., Soda Carb. Ex. }	4 grs..... 4 75
SANTONIN, 1 gr.....	{ Ext. Coloc. Co. 1 1/2 gr., Colchi Acet., 1 " " Hyoscyami, 1/2 " " Hyd. Chlor. Mit., 1/2 " "	1 00 4 75
RHEUMATIC, {	{ Pulv. Scillae, 1/2 gr., Zin. Jamaica, 1 " " Gum Ammoniac, 1 " " Pulv. Saponis, 1 1/2 " "	50 2 25
SCILLE COMP., U. S. P., {		
SILVER NITRATE, 1-4 gr.....	{ Pulv. Aloes Socot., }	75 3 50
STOMACHIC (Lady Webster's Dinner Pills), 3 grs.....	{ Gum Mastich., }	50 2 25
STRYCHNIE, 1-20, 1-30, 1-40, 1-50, 1-60 gr.....	{ Potass. Iodid., 2 1-2 grs., Hyd'g. Chlor. Cor., 1-40 " "	40 1 75 1 00 4 75
SYPHILITIC.....		40 1 75
TART. EMETIC, 1-20, 1-10, 1-4 gr.....		50 3 25
TRILLIN, 1-10 gr.....		
TRIPLEX, {	{ Aloes Socot, 2 grs., Pil. Hydrarg., 1 gr., Podophyllin, 1/2 " "	75 3 50
VERATRIA SULPHATE, 1-12 gr.....		50 2 25
ZINCI VALERIANATE, 1 gr.....		1 00 4 75

Comp. Cathartic, and all leading Pills furnished by the pound or in bulk.

Pills will be made to order from special recipes, when ordered in lots of not less than 3,000 at one time. Any physician having a favorite recipe will find this a great saving of time, and at a less cost than they can make them themselves.

All recipes strictly confidential. Pills sent by mail with perfect safety.

From New York Druggists' Price Current, April 19, 1871:

"For some time past our attention has been called to the Pure Inodorous Glycerin of W. J. M. Gordon, of Cincinnati, and having obtained a bottle of the same from parties who did not know our object, we have submitted Mr. Gordon's Glycerin to several tests, and are happy to state that his Glycerin is, in every particular what Mr. G. claims—a pure and inodorous article, which we heartily recommend to the trade."

From Chicago Medical Times:—

"As a manufacturer of Glycerin, Gordon is known throughout the civilized world. His Pure Glycerin we regard equal to any made. He is now turning out very handsome Sugar Coated Pills, as well as many other Pharmaceutical preparations. An immense stock of Botanic goods is a comparatively recent feature in his trade."

W. J. M. GORDON'S ELIXIRS AND SYRUPS.

	Per Gall.	Per doz.
Elixir Beechereine and Iron.....	\$9 00	16 00
" Beef, Wine and Iron.....	5 25	9 00
" Bismuth.....	8 40	11 00
" Bismuth and Strychnia.....	6 00	10 00
" Bromide Ammonium.....	9 50	15 00
" " Iron.....	11 00	18 00
" " Potassium.....	8 50	12 00
" " Sodium.....	9 50	15 00
" " Quinine.....	13 00	22 00
" Buchu.....	10 00	16 50
" " Comp.....	10 00	16 50
" " and Pariera Brava.....	8 50	12 00
" Cardamon Comp.....	8 50	14 40
" Cherry Bark Comp.....	6 00	10 00
" Calisaya.....	5 50	9 00
" " Ferrated.....	5 00	10 00
" " and Protoxide Iron.....	5 00	7 50
" " Pyrophosphate.....	5 50	9 00
" " Iron, Strychnia and Pepsin.....	11 00	18 00
" " Bark, Iron and Bismuth.....	5 00	10 00
" Calisaya Bark, Iron and Strychnia.....	5 00	10 00
" Calisaya Bark Iron and Pepsin.....	11 25	18 00
" " Quinine and Strychnia.....	15 00	24 00
" " Protox Iron and Beef.....	5 25	9 00
" " Pyrophos.....	5 25	9 00
" " Iron & Bismuth with Ext. Beef.....	7 00	12 00
" " " and Pepsin.....	9 00	15 00
" " " and Strychnia.....	6 50	10 50
" " Strychnia and Bismuth.....	7 00	12 00
" Cinchona Iron and Strychnia.....	6 50	10 50
" " with Ext. Beef.....	7 00	12 00
" " Pepsin and Bismuth.....	9 00	15 00
" Citrate Caffein.....	19 00	30 00
" Citrate Lithia.....	15 00	24 00
" Cordial ferrated.....	6 00	10 00
" Corydalis.....	4 25	8 00
" Corydalis Comp.....	4 25	8 00
" Gentian and Chlo Iron with Ext. Beef.....	5 25	9 00
" Gentian Ferrated.....	4 25	8 00
" " and Chloride Iron.....	5 25	9 00
" " and Pyr-phos. Iron.....	5 50	8 00
" Hops.....	4 25	8 00
Elixir Helonias Comp.....	4 50	9 00
" Iodide Iron.....	9 00	15 00
" " Calcium.....	6 40	10 50
" " Iron, Strychnia and Bismuth.....	7 00	12 00
" Lacto Phos. Lime.....	8 40	14 00
" " " and Iron.....	8 40	14 00
" " " and Pepsin.....	8 40	14 00
" " " Pepsin and Pancreatine.....	8 40	14 00
" " Iron.....	8 40	14 00
" Lobelia Comp.....	5 50	9 00
" Lupulin.....	6 50	10 50
" Mandrake Comp.....	5 50	9 00
" Matico Comp.....	7 00	12 00
" Pancreatine.....	9 00	15 00
" Pepsin.....	9 00	15 00
" " Aromatic.....	10 00	16 00
" " Bismuth and Strychnia.....	14 00	24 00
" " and Bismuth.....	12 00	22 00
" " Bismuth, Strychnia and Iron.....	14 00	24 00
" " Iron and Bismuth.....	14 00	24 00
" " and Pancreatine.....	9 00	15 00
" " " and Bismuth.....	11 20	18 00
" " Quinine.....	13 20	21 00
" " Strychnine.....	9 00	15 00
" " " ferrated.....	13 00	21 00
" " Strychnia and Pancreatine.....	13 00	21 00
" " Bismuth and Pancreatine.....	13 00	21 00
" " and Wafer ash.....	11 20	18 00
" Phosphate Iron.....	5 50	9 00
" Phosphorus.....	5 50	9 00
" Phosphate Iron, Quinine and Strychnia.....	14 00	24 00
" Phosphate Iron and Quinine.....	9 00	15 00
" Pink Root Comp.....	7 00	12 00
" Protoxid Iron.....	5 50	9 00
" " Iod. Lime and Cinchona.....	10 00	16 00
" " " with arsenic.....	10 00	16 00

PURE POWDERED DRUGS.

I have constantly on hand a complete stock of PURE Powdered Drugs, powdered at my own Drug Mills, which Physicians may rely on. I also have a complete stock of Foreign and Indigenous Herbs, Roots and Barks, which I furnish crude, packed or ground. I am prepared to make very low prices to those who purchase large lots for manufacturing or other purposes.

W. J. M. Gordon's Price List of Elixirs and Syrups.

	For Gall.	Per doz.
Klixir Protoxide Iron with Iod Calcium.....	6 00	10 00
" " Potassium.....	6 40	10 50
" " and Quinine.....	7 00	12 00
Propylamine.....	9 00	15 00
Pyrophosphates Iron.....	8 45	10 00
Pyrophos. Iron, Quinine & Strychnia.....	7 00	12 00
Pyrophos. Iron Quinine and Bark.....	5 00	9 00
" " and Soda.....	5 00	9 00
Quinine, Iron and Arsenic.....	7 00	12 00
" " Strychnia and Arsenic.....	7 00	12 00
" " and Iron.....	9 00	15 00
" " Bismuth and Strychnia.....	15 00	24 00
" " Iron, Strychnia and Bismuth.....	15 00	24 00
Rhubarb and Columbo Comp.....	6 00	10 00
" " and Fluid Magnesia.....	6 80	11 40
Sarsaparilla Comp.....	8 40	10 00
Senna.....	5 60	9 00
Squilla.....	8 80	14 40
Stillingia.....	7 00	12 00
Turkey Corn.....	7 00	12 00
Taraxacum Comp.....	4 25	8 00
Val Ammon, Iron, and Strychnia.....	15 00	24 00
" " Iron.....	7 00	12 00
" " Morphia.....	15 00	24 00
" " Quinine.....	25 00	36 00
Valerianate of Iron.....	14 00	12 00
" " Ammonia and Quinine.....	14 00	22 00
" " Ammonia and Morphia.....	8 50	12 00
" " " and Strychnia.....	13 00	22 00
" " Strychnia.....	5 50	8 00
" " Zinc.....	5 50	8 00
SYRUP Albuminate of Iron and Soda.....	6 00	9 00
Syrup Alternative.....	3 45	6 85
Syrup Chloral Hydrat.....	7 00	12 00
" Citrate Iron.....	6 00	9 00
" " and Strychnia.....	7 00	12 00
" " and Quinine.....	7 00	12 00
Hellanthus.....	4 45	
" of Hypophosphites Comp.....	6 00	10 00
Iod. Lime.....	7 00	12 00
Iod. Starch.....	8 00	12 00
Ipecac.....	4 30	
Lacto, Phos. Lime.....	8 00	15 00
" " Iron.....	9 50	15 00
" " Lime with Peppin.....	9 50	15 00
" " Manganese.....	9 50	15 00
" of Phosphate.....	5 50	10 00
Partridge Berry (Mother's Egoil).....	8 45	9 85
SYRUP Lactio Phos. Potassa.....	9 00	13 00
" " Soda.....	9 00	13 00
Pulmonary.....	3 45	6 85
Sarsaparilla, U. S. P.....	3 00	
Sarsaparilla Comp.....	3 00	
Senega.....	5 00	
Stillingia.....	3 00	7 50
Stillingia Comp.....	3 00	7 50
Squills.....	3 10	
" Comp. Hive Syrup.....	6 45	
Scrofulous.....	3 00	6 00
Wild Cherry..... lb. 60		
Hypophos. Lime, Soda, Potassa, and Iron, 1 lb. bott..... ¾ "	 	 12 50 7 00
Hypophos. Lime and Soda.....lb. 80		4 00
" " 1 lb. bott.....		10 00
" " ½ "		6 00
" " ¼ "		4 00
Iodine Manganese.....lb. 2 00		
Iodi., iron and Mangn.....		2 00
Phosphates [Chem Food].....		75
" " lb. bottles.....		9 50
" " ⅓ "		5 00
Phos. Iron and Lime.....lb. 60		
" " Quin. and Strych.....lb. 40		24 00
Pyrophos Iron.....lb. 75		
Pyrophos Iron, and Mang.....lb. 1 00		
Rhubarb Arom.....	4 25	
" Simple.....	5 14	
" " and Potassa Neutralizing Cordial.....	3 05	7 40
" Superphosphate of Iron.....	2 25	8 00
Wine of Peppain, (made from the stomach of Pig.).....	9 00	15 00
Bitter Wine of Iron.....	5 90	10 00

My list of **Fluid Extracts and Prices** was published in the last number of this Journal. I will continue to publish each month additional articles until I have named my entire list.

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